



**Industrial Hygiene and
Safety Technology, Inc.**

2235 Keller Way
Carrollton, TX 75006
Phone: (972) 478-7415
Fax: (972) 478-7615

<http://www.ihst.com>

**Leaders in
Quality, Service
and Innovation**



**Report of
Comprehensive AHERA
Asbestos Survey**

**Prepared for:
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, New York 10038**

Project No. JG500P5

**Building Surveyed:
Oak Hollow Office
5901 Boca Raton Blvd.
Fort Worth, Texas 76112**

**Report Date:
December 10, 2007**

Prepared By:

**Industrial Hygiene and Safety Technology, Inc.
2235 Keller Way
Carrollton, Texas 75006**

Tracy K. Bramlett, CIH, CSP
TDSHS Licensed Asbestos Consultant (10-5040)

Comprehensive Asbestos Survey

Oak Hollow Office
5901 Boca Raton Blvd
Ft. Worth, TX 76112
(Oak Hollow Office)

Table of Contents

1.0	Introduction	3
2.0	Purpose and Scope	3
3.0	Report Organization	3
4.0	Field Investigation	3
5.0	Sampling	4
5.1	Laboratory Analysis	4
5.2	Analytical Methods	5
5.3	Bulk Sample Results	5
6.0	Hazard Assessment	6
6.1	Hazard Assessment Ratings	6
6.2	Asbestos-Containing Material Assessments	7
7.0	Hazard Assessment Summary	8
7.1	Response Actions	8
8.0	Qualifications	9

Appendices

Appendix A: Site Drawings

Appendix B: PLM Lab Results

Appendix C: Bulk Summary Report

Appendix D: Photographs

Appendix E: Transmission Electron Microscopy Lab Results

1.0 Introduction

This document is a report of a Comprehensive Asbestos Survey performed by Industrial Hygiene and Safety Technology, Inc. (IHST). IHST is licensed by the Texas Department of State Health Services (DSHS), formerly the Texas Department of Health, as an Asbestos Consultant Agency (DSHS License #10-0145. Figure 1 provides a description of the assessment described by this report.

Figure 1. Comprehensive Asbestos Survey Profile

Client Name:	The Louis Berger Group, Inc.
Facility/Campus:	Oak Hollow Office
Building:	<i>Oak Hollow Office</i> 5901 Boca Raton Blvd Ft. Worth, TX 76112
Survey Date(s):	11/1/2007
Inspector(s):	Tracy Bramlett - DSHS Asbestos Inspector License #10-5040

2.0 Purpose and Scope

The purpose of this project was to locate, identify, and assess the condition of asbestos containing material (ACM) present at the subject building, and to develop recommendations based on existing and potential asbestos related hazards. The following scope of work was used during the asbestos assessment for the subject property:

- A. Collecting and analyzing bulk samples of suspected asbestos-containing materials.
- B. Quantification of the suspected asbestos-containing material.
- C. Approximate costs of abatement, to include abatement specifications, contractor selection, and on-site management during remediation activities.
- D. Provide an approximate time schedule for abatement procedures.
- E. Make recommendations based on survey data collected to implement an Operation and Maintenance (O&M) Program or abatement procedures.
- F. Preparing a report discussing the findings and remedial recommendations.

3.0 Report Organization

This report is divided into sections which discuss the review of available documentation, field investigation, laboratory analysis, hazard assessments, and recommendations. Illustrations, such as tables and figures follow the text. Other supporting documentation, such as laboratory reports are also included.

4.0 Field Investigation

The survey was conducted to determine the amount of asbestos-containing materials present in the subject building. The survey included an observation of accessible areas and unusual conditions; and bulk sampling of suspected asbestos-containing materials. Bulk samples were collected of suspect materials and analyzed by Polarized Light Microscopy (PLM) with dispersion staining, in accordance with the Environmental Protection Agency's (EPA) Method for the Determination of Asbestos in Bulk Insulation Samples (Method 600/R-93/116). Percentage estimates are based on the analyst's best

judgment following PLM/DS and examination with a stereoscope. Laboratory reports containing sample location and results are included with this report.

The survey was designed to identify the presence of both friable and non-friable asbestos-containing materials present in the surveyed area. Friable means that the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Building materials suspected of containing asbestos were grouped into "Homogeneous" sampling areas. The homogeneous areas were defined based on uniform texture, color, and appearance. Additionally, homogeneous areas were further defined based on building construction date(s). Each of the items sampled were classified into one of three categories:

- 1.) Surfacing Material: A surfacing material is a building material which has been applied to a surface (i.e., walls or ceilings) or structural members. Examples of surfacing materials which may contain asbestos are: spray-applied fireproofing, spray-applied acoustical texture, and trowel-applied textured ceilings and walls.
- 2.) Thermal System Insulation: All types of insulation used on a building's mechanical system are classified into the category of thermal system insulation. Examples of thermal system materials which may contain asbestos are: boilers and related piping, or duct insulation.
- 3.) Miscellaneous: All remaining materials which do not fall into the two above categories are placed in the miscellaneous category. Examples of miscellaneous materials which may contain asbestos are: lay-in ceiling tile, floor tile, mastic adhesives and roofing felt.

An assessment was conducted for each building material sampled. The physical assessment consists of evaluating the condition of the suspect material and the potential for future disturbance. Recommendations made for a building material which contains asbestos are based on the assessments made by the inspector during the survey. The data developed during the asbestos survey is presented in the following sections of this report.

Table 1 contains the Summary of Bulk Sample Analysis and Assessment and Table 2 contains the Cost Estimate Summary. Both tables present specific locations, results of additional asbestos analysis, time schedules, and quantities of asbestos. These cost estimates are based on IHST's experience and commercial estimates used by local abatement contractors. However, it should be noted that the cost estimates are not based on a written set of specifications or a confirmed scope of work, which can affect the final contract cost.

5.0 Sampling

Sampling during the field investigation included the collection of bulk samples of suspected asbestos containing materials, as listed in Table 1., Summary of Bulk Sample Analysis and Assessment. After sample recovery, samples were placed in secure containers, and the sampling vicinity was cleaned and sealed. Appropriate chain-of-custody protocols were initiated at that time to track handling of bulk samples.

5.1 Laboratory Analysis

The samples were transported to and analyzed by the analytical laboratory specified in Figure 2., a successful participant in the Department of Commerce, National Institute of Standards and Technology's (NIST) National Voluntary Laboratory Accreditation Program and licensed by the Texas Department of State Health Services (DSHS), formerly the Texas Department of Health. Ten percent (10%) of the bulk samples were reanalyzed independently as part of the quality assurance and quality control programs.

Figure 2. Bulk Sample Laboratory Profile

Laboratory Name: EMSL Analytical
DSHS License Number: #10872
NVLAP Lab ID: #101048-0 **Expires:** 4/1/2008

5.2 Analytical Methods

Bulk samples were analyzed by Polarized Light Microscopy (PLM). This technique characterizes the materials refractive indices, fiber morphology, birefringence, extinction angle, sign of elongation, and dispersion staining colors to detect asbestos. Percentage estimates are based on approximate area compositions under a stereo-microscope.

5.3 Bulk Sample Results

The results of the sample analysis are presented in Table 1, and the laboratory analysis report is included as Appendix B.

Figure 3. Materials with Asbestos Detected at 1% or Greater

Mat'l Type	Description	Location
▪ Sheetrock	Popcorn Ceiling Texture	SE Office, Women's Restroom, Hall by Kitchen, Upstairs
▪ Sheetrock	Sheetrock Joint Compound	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs
▪ Flashing	Flashing	Roof by fireplace

Figure 4. Materials with NO Asbestos Detected (Pursuant to EPA and DSHS Definition)

Mat'l Type	Description	Location
▪ Sheetrock	Wall Texture	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall
▪ Flooring Matls	Peel and Stick Flooring (Wood Grain) and Mastic (Brown)	Entry, SE Office
▪ Flooring Matls	Peel and Stick Flooring (White/Blue Pattern) and Mastic (Brown)	West Storage Office, Kitchen
▪ Flooring Matls	12" x 12" Floor Tile (Grey) and Mastic (Yellow) and (Brown)	Kitchen
▪ Ceramic Matls	Grout (White) (Under Ceramic Tile)	Great Room
▪ Brick	Fire Brick	Furnace
▪ Mastic	Mastic (Black)	Florescent Lights
▪ Caulking	Caulk	Exterior Windows

6.0 Hazard Assessment

Asbestos is an airborne hazard. A hazard assessment refers to the process by which we evaluate a material's potential to release fibers into the air. Fibers may be released spontaneously as part of the aging process, or as a result of sudden impact, vibration, air movement, or localized deterioration. Assessing a material's potential for fiber release, and hence its associated hazard, is based upon evaluating the material's condition and potential for further disturbance, damage, or deterioration.

6.1 Hazard Assessment Rankings

Any material identified as asbestos containing that exhibits damage, should be considered a hazard to anyone who works in the area. Typically, damage is classified as minor or significant. Minor damage is characterized by small cuts, tears, scuffs, small openings, or other limited disturbance to asbestos containing materials. Areas with minor damage represent varying degrees of hazards from slight to high depending on:

- * The nature of the damage;
- * Proximity to disturbers, such as airstreams;
- * Location with respect to building occupants;
- * Activity in the immediate area; and
- * Frequency of maintenance in the area.

Significant damage is characterized by large openings, visible flaking, loose particles, and debris on surfaces below the material. Asbestos containing materials which exhibit significant damage are either high or critical hazards, depending upon accessibility. High hazards exist where significantly damaged materials are generally inaccessible; however, where significant damage is accessible, or in the vicinity of building occupants, there is a critical hazard. The recommended action for addressing asbestos related hazards depends upon the degree of hazard. For example:

- * An immediate hazard or critical assessment describes a situation in which the material is exposed and friable, accessible to personnel, and is disturbed releasing fibers in the air. In this situation, immediate action should be taken. At a minimum, the area should be isolated and access restricted.

- * A high assessment describes a situation in which the material is in poor condition, exposed and friable, with a potential for disturbance. In this case, interim controls should be instituted, and the material should be removed when practical. Repairs should be made to the ACM if abatement is not scheduled.

- * A medium or moderate assessment describes a situation in which a combination of the determining factors vary, such as a material that is in good condition but has a high asbestos content and is generally accessible. In situations like this, abatement can be scheduled with future building renovation or maintenance.

- * A low or slight assessment describes a situation in which the material is in good condition and has a low potential for disturbance, damage, or deterioration. In this situation, an O&M program is usually all that is needed.

In general, those areas that are classified as critical or high damage should be abated. These are areas where a high probability of exposure could occur. Moderately damaged areas would require an Operations and Maintenance (O&M) Program to be instituted. In addition, these areas should be considered for abatement, or at the very least repaired.

6.2 Asbestos-Containing Material Assessments

Figure 5 provides a summary of the asbestos identified during the survey, along with a hazard assessment for each type and condition of asbestos-containing material.

Figure 5. Hazard Assessments for Asbestos-Containing Materials

Sheetrock Wall or Ceiling Covering

Condition: Good, Friability: NF II, Disturbance Potential: Low

Sheetrock wall and ceiling covering in good condition presents a low potential health hazard to building occupants due to its observed good condition and intact binding matrices. Prior to building demolition, renovation or work activities that would disturb these materials, removal must be performed by a properly trained and licensed abatement contractor.

The preceding hazard assessment applies to the asbestos-containing materials listed below:

Area Ref#	Homogeneous Area Description	Quantity	Location
■ 02	Popcorn Ceiling Texture	2200 s.f.	SE Office, Women's Restroom, Hall by Kitchen, Upstairs
■ 03	Sheetrock Joint Compound	5700 s.f.	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs

Waterproofing Material

Condition: Good, Friability: NF II, Disturbance Potential: Low

The flashing is in good condition presents a low potential health hazard to building occupants due to its observed good condition and intact binding matrices.

Currently, National Emission Standards for Hazard Air Pollutants (NESHAP) regulations allow Category II non-friable asbestos flashing in good condition, to be left in place during structural building demolition. Buildings subject to NESHAP regulations, require that wet demolition work be conducted with no visible emissions, and the presence of a "Competent Person" trained under the provisions of NESHAP to supervise the demolition work.

The asbestos-containing materials should be placed in a management program and monitored until renovation or demolition activity occurs.

The preceding hazard assessment applies to the asbestos-containing materials listed below:

Area Ref#	Homogeneous Area Description	Quantity	Location
■ 11	Flashing	6 l.f.	Roof by fireplace

7.0 Hazard Assessment Summary

In the event other building materials are discovered in addition to the materials sampled in this survey, those building materials should be presumed to contain asbestos and treated as such until proven otherwise by PLM laboratory analysis.

7.1 Response Actions

Report preparation

This inspection conforms to the ASTM Designation : E2356-04e1, Standard Practice for Comprehensive Building Asbestos Surveys. In accordance with Section 6.1.5.2, PLM analysis of non-friable organically bound (NOB) materials which were reported as having no asbestos or less than 1%, the samples were reanalyzed by quantitative transmission electron microscopy with gravimetric reduction. The samples were analyzed by TEM on December 7, 2007. The results of the TEM analysis indicate that all of the NOB materials identified in the building were less than 1% asbestos. The results of the TEM analysis are listed in Appendix E of this report.

In addition, the survey was performed in accordance with the AHERA regulations Part 763.80 -.99.

7.2 Explanation of Response Ratings

Table 1 includes a response rating based on factors such as friability, accessibility, potential for disturbance, etc. Definitions for the response ratings are listed below:

0 = Material does not contain detectable amounts of asbestos and requires no asbestos-related abatement action.

1 = Material contains asbestos, was non-friable, and requires no abatement action unless sanded, abraded, drilled or otherwise disturbed.

2 = Material contains asbestos and was friable. Damage was not observed; no immediate abatement action is required.

3 = Material contains asbestos, was friable, and shows signs of localized damage with a potential for disturbance.

4 = Material contains friable asbestos and was significantly damaged.

8.0 Qualifications

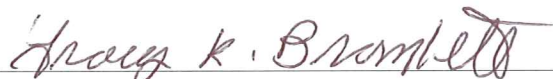
Industrial Hygiene and Safety Technology, Inc. has attempted to observe the existing conditions within the aforementioned building utilizing generally accepted procedures. Regardless of the thoroughness of a survey, the possibility exists that some areas containing asbestos were overlooked, inaccessible or different from those at specific locations. Furthermore, renovation and/or construction may reveal altered conditions.

This report describes only the conditions present at the time of the survey, in the areas surveyed. The recommendations presented apply to the conditions that were observed during the survey. IHST policies are to not perform destructive sampling unless previously authorized by the client. Therefore, IHST does not perform core sampling of roofing materials unless previously authorized and accompanied by the owner and/or his representative. Other conditions may exist in unsurveyed or inaccessible areas such as behind walls and above permanent ceilings. In addition, the conditions of asbestos-containing materials may change gradually or suddenly depending upon use, maintenance or accident. As a result, the recommendations presented should be periodically reviewed and updated.

The quantity estimates presented in this report were based upon observations during the survey as well as information from building plans provided by the owner. While it is believed that the estimated quantities are reasonable, unanticipated conditions could be present in inaccessible or unsurveyed areas. Industrial Hygiene & Safety Technology, Inc. do not warrant or guarantee the quantity estimates. The use of such estimates shall be at the user's own risk and shall constitute a release and agreement to defend and indemnify Industrial Hygiene & Safety Technology, Inc. from and against any liability.

If you have any questions or comments regarding the content of this report, I would be glad to discuss them at your convenience.

Sincerely,



Tracy Bramlett - DSHS Asbestos Inspector License #10-5040



Tracy K. Bramlett

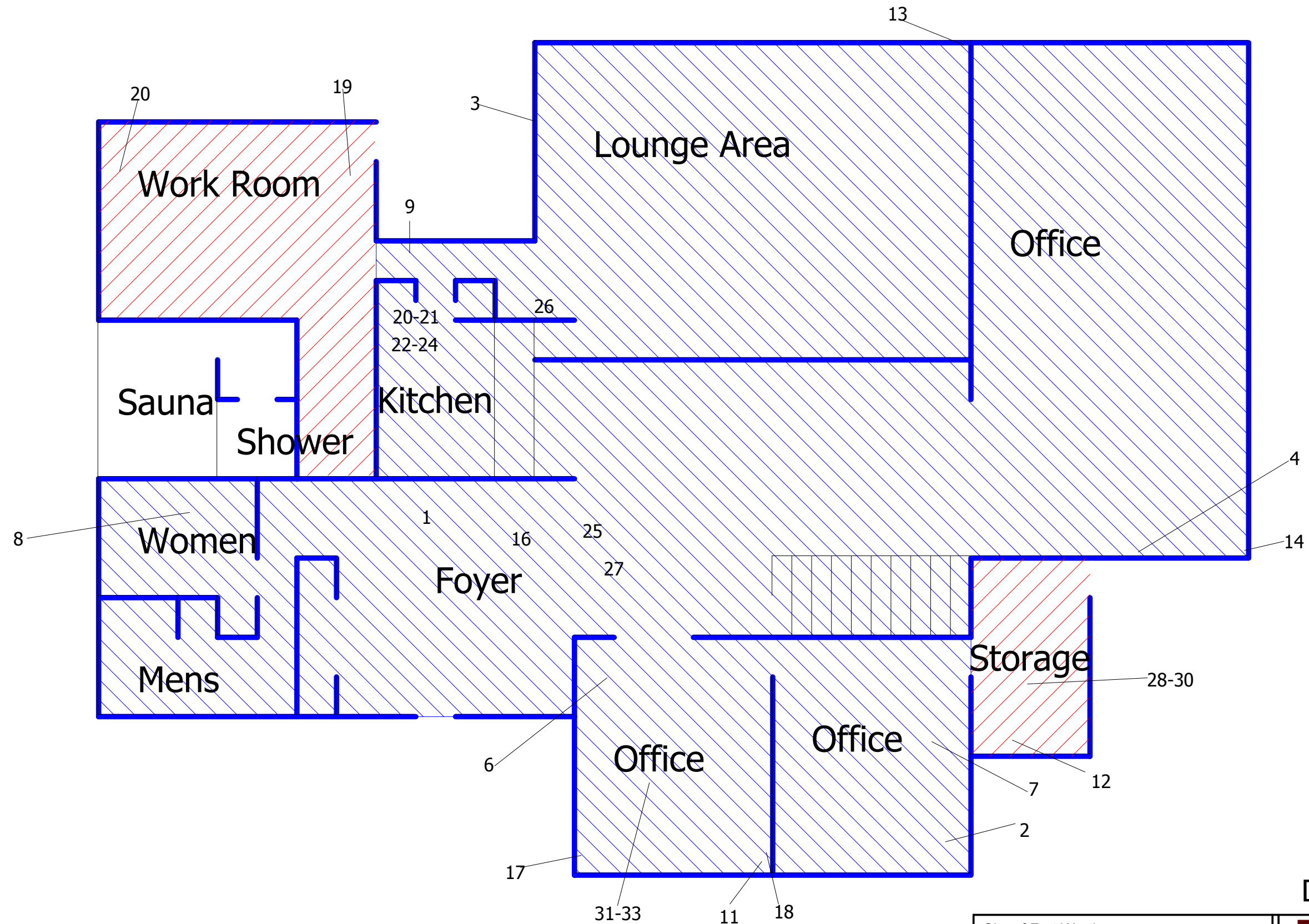
President


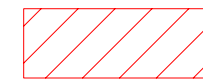
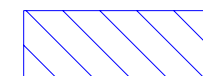
DSHS Individual Asbestos Consultant License #10-5040



Appendix:

Appendix A: Site Drawings



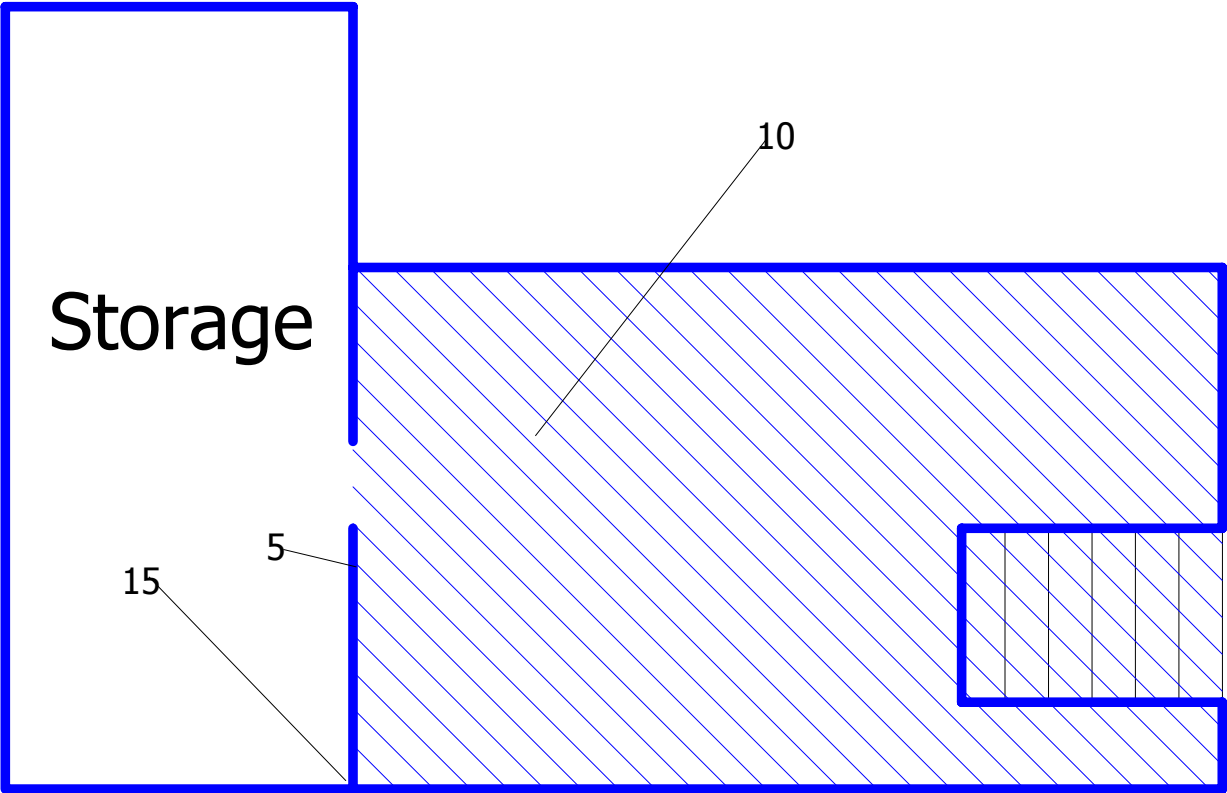
-  Sheetrock walls with joint compound
-  Beige Sheetrock ceiling with joint compound
-  White Popcorn ceiling

City of Fort Worth Oak Hollow Office, 5901 Boca Raton Fort Worth, Texas	
Asbestos Inspection	
Project # 17617	Drawing #1
Not To Scale	
Drawn by: AHG	Date: 11/28/2007
Revised by:	Date:


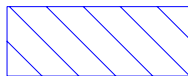
Downstairs

IHST

Industrial Hygiene and
Safety Technology, INC.
2235 Keller Way
Carrollton, Texas 75006
TEL (972) 478-7415
FAX (972) 478-7615



Upstairs

-  White Sheetrock walls with joint compound
-  White Popcorn ceiling

City of Fort Worth Oak Hollow Office, 5901 Boca Raton Fort Worth, Texas	
Asbestos Inspection	
Project # 17617	Drawing #2
Not To Scale	
Drawn by: AHG	Date: 11/28/07
Revised by:	Date:

IHST

Industrial Hygiene and
Safety Technology, INC.
2235 Keller Way
Carrollton, Texas 75006
TEL (972) 478-7415
FAX (972) 478-7615

Appendix:

Appendix B: PLM Lab Results

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900
Project: **AACM PHASE 3 FT WORTH**

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570
EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
5906-1 WALL TEXTURE 040727570-0001	N. WALL ENTRY	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-1 JT. COMPOUND 040727570-0001A	N. WALL ENTRY	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-1 DRYWALL 040727570-0001B	N. WALL ENTRY	Brown/White Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
5906-2 WALL TEXTURE 040727570-0002	SE OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-2 JT. COMPOUND 040727570-0002A	SE OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-2 DRYWALL 040727570-0002B	SE OFFICE	Brown/White Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
5906-3 WALL TEXTURE 040727570-0003	W.WALL GREAT RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)
Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900

Project: AACM PHASE 3 FT WORTH

Customer ID: LOUI56
 Customer PO: JG500P5
 Received: 11/05/07 9:10 AM
 EMSL Order: 040727570

EMSL Proj: AACM PHASE 3 FORT WORTH
 Analysis Date: 11/10/2007
 Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
5906-3 JT. COMPOUND 040727570-0003A	W.WALL GREAT RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-3 DRYWALL 040727570-0003B	W.WALL GREAT RM	Brown/White Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
5906-4 WALL TEXTURE 040727570-0004	N.E. OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-4 JT. COMPOUND 040727570-0004A	N.E. OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-4 DRYWALL 040727570-0004B	N.E. OFFICE	Brown/White Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
5906-5 WALL TEXTURE 040727570-0005	UPSTAIRS W. WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-5 JT. COMPOUND 040727570-0005A	UPSTAIRS W. WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)

Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection, as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
 Customer PO: JG500P5
 Received: 11/05/07 9:10 AM
 EMSL Order: 040727570

Fax: Phone: (212) 612-7900
 Project: AACM PHASE 3 FT WORTH

EMSL Proj: AACM PHASE 3 FORT WORTH
 Analysis Date: 11/10/2007
 Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	%	<u>Non-Asbestos</u>		<u>Asbestos</u>
				Fibrous	Non-Fibrous	% Type
5906-5 DRYWALL 040727570-0005B	UPSTAIRS W. WALL	Brown/White Fibrous Heterogeneous	30%	Cellulose	70% Non-fibrous (other)	None Detected
5906-6 040727570-0006	S.E. OFFICE	Tan/White Fibrous Heterogeneous	15%	Cellulose	83% Non-fibrous (other)	2% Chrysotile
5906-7 040727570-0007	S.E. OFFICE	Tan/White Fibrous Heterogeneous	15%	Cellulose	83% Non-fibrous (other)	2% Chrysotile
5906-8 040727570-0008	WOMENS RESTROOM	Tan/White Fibrous Heterogeneous	15%	Cellulose	83% Non-fibrous (other)	2% Chrysotile
5906-9 040727570-0009	HALL BY KITCHEN	White Non-Fibrous Heterogeneous	10%	Cellulose	88% Non-fibrous (other)	2% Chrysotile
5906-10 040727570-0010	UPSTAIRS	White Non-Fibrous Heterogeneous	10%	Cellulose	87% Non-fibrous (other)	3% Chrysotile
5906-11 JT. COMPOUND 040727570-0011	S.E. OFFICE	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)
 Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

Fax: Phone: (212) 612-7900
Project: **AACM PHASE 3 FT WORTH**

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5906-11 WALL TEXTURE 040727570-0011A	S.E. OFFICE	White Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5906-12 JT. COMPOUND 040727570-0012	MECHANICAL RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-12 WALL TEXTURE 040727570-0012A	MECHANICAL RM	White Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5906-13 JT. COMPOUND 040727570-0013	N.E. WALL GREAT RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-13 WALL TEXTURE 040727570-0013A	N.E. WALL GREAT RM	White Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5906-14 JT. COMPOUND 040727570-0014	N.E. OFFICE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-14 WALL TEXTURE 040727570-0014A	N.E. OFFICE	White/Brown Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)

Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900
Project: **AACM PHASE 3 FT WORTH**

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5906-15 JT. COMPOUND 040727570-0015	UPSTAIRS	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-15 WALL TEXTURE 040727570-0015A	UPSTAIRS	White/Brown Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
5906-16 FLOORING 040727570-0016	ENTRY	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-16 MASTIC 040727570-0016A	ENTRY	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-17 FLOORING 040727570-0017	S.E. OFFICE	Brown/Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-17 MASTIC 040727570-0017A	S.E. OFFICE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-18 FLOORING 040727570-0018	S.E. OFFICE	Brown/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)
Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

Fax: Phone: (212) 612-7900
Project: AACM PHASE 3 FT WORTH

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5906-18 MASTIC 040727570-0018A	S.E. OFFICE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-19 FLOORING 040727570-0019	WEST STORAGE OFFICE	White/Black/Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-19 MASTIC 040727570-0019A	WEST STORAGE OFFICE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-20 FLOORING 040727570-0020	WEST STORAGE OFFICE	White/Black/Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-20 MASTIC 040727570-0020A	WEST STORAGE OFFICE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-21 FLOORING 040727570-0021	KITCHEN	White/Black Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5906-21 MASTIC 040727570-0021A	KITCHEN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)
Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

Fax: Phone: (212) 612-7900
Project: AACM PHASE 3 FT WORTH

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5906-22 TILE 040727570-0022	KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-22 MASTIC 040727570-0022A	KITCHEN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-23 TILE 040727570-0023	KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-23 MASTIC 040727570-0023A	KITCHEN	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-24 TILE 040727570-0024	KITCHEN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-24 MASTIC 040727570-0024A	KITCHEN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-25 040727570-0025	GREAT RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-26 040727570-0026	GREAT RM	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)

Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
 Customer PO: JG500P5
 Received: 11/05/07 9:10 AM
 EMSL Order: 040727570

Fax: Phone: (212) 612-7900
 Project: **AACM PHASE 3 FT WORTH**

EMSL Proj: AACM PHASE 3 FORT WORTH
 Analysis Date: 11/10/2007
 Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
5906-27 040727570-0027	GREAT RM	White/Red Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5906-28 040727570-0028	FURNACE	Tan Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5906-29 040727570-0029	FURNACE	Tan Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5906-30 040727570-0030	FURNACE	Tan Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	None Detected
5906-31 040727570-0031	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-32 040727570-0032	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-33 040727570-0033	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-34 040727570-0034	EXTERIOR WINDOWS	Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)
 Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

Fax: Phone: (212) 612-7900
Project: AACM PHASE 3 FT WORTH

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 11/10/2007
Report Date: 12/6/2007

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5906-35 040727570-0035	EXTERIOR WINDOWS	Various Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
5906-36 040727570-0036	EXTERIOR WINDOWS	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5906-37 040727570-0037	ROOF BY FIREPLACE	White/Black Fibrous Heterogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected
5906-38 040727570-0038	ROOF BY FIREPLACE	White/Black Fibrous Heterogeneous	30% Cellulose	65% Non-fibrous (other)	5% Chrysotile
5906-39 040727570-0039	ROOF BY FIREPLACE	Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Analyst(s)

Delores Beard (22)

Jerry Cherian (41)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. The limit of detection as stated in the method is 1%. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

Analysis performed by EMSL Westmont (NVLAP #101048-0), NY ELAP 10872

040727570

IHST PROJECT #:

PROJECT TITLE: OAK Hollow Apt.

PROJECT ADDRESS:

5906 BocaRaton

FORT WORTH TEXAS

IHST

11-1-07

:DATE

Brennelt 10-5040

:INSPECTOR/TDH#

:CLIENT/CONTACT

Turnaround Time: () Immediate () Rush () Normal

HOMO AREA #	SAMPLE #	SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
1	5906-1	Wall texture	N. Wall Entry	5700sf	S	NFII	G	L	
1	5906-2	Wall texture	S E OFFICE		S	NFII	G	L	
1	5906-3	Wall texture	W. Wall Great Rm		S	NFII	G	L	
1	5906-4	Wall texture	N. E OFFICE		S	NFII	G	L	
1	5906-5	Wall texture	UPSTAIRS W. Wall		S	NFII	G	L	
2	5906-6	Popcorn Ceiling Texture	S.E. OFFICE	2200	S	F	D	L	
2	5906-7	Popcorn Ceiling Texture	S.E. OFFICE		S	F	D	L	
2	5906-8	Popcorn Ceiling Texture	Women's Restroom		S	F	D	L	
2	5906-9	Popcorn Ceiling Texture	Hall By Kitchen		S	F	D	L	
2	5906-10	Popcorn Ceiling Texture	UPSTAIRS		S	F	D	L	

Released by:

Gregory Brummitt

Date/Time:

11/2/07

Received by:

Gregory Brummitt

Released by:

Received by:

Date/Time:

11/2/07

Date/Time:

11/2/07

Industrial Hygiene & Safety Technology, Inc. 2235 Keller Way Carrollton, TX 972 478.7415 Fax 972.478.7615 TDH License #10-0145

E-mail address: greg@ihst.com S. Schweltz @ Louis Berger.com

Send Results to Louis Berger Group, 199 Water Street, 23rd Floor, New York, New York 10038

Billing to: Anna Scott Schweltz

Page 1 of 4

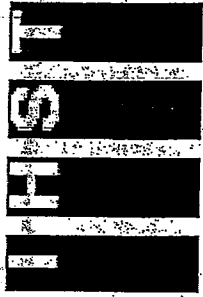
IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

5906 Boca Raton

Fort Worth Texas



040727570

11-1-07

:DATE

:INSPECTOR/TD#

:CLIENT/CONTACT

Bramlett 10-5040

HOMO AREA #		SAMPLE #	SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #								
3		S906-11	Joint Cmpd./wall texture	SE OFFICE	5700	S	NFI	G	L	
3		S906-12	Joint Cmpd./wall texture	mechanical Rm	1	S	NFI	G	L	
3		S906-13	Joint Cmpd./wall texture	NE Wall Great Rm		S	NFI	G	L	
3		S906-14	Joint Cmpd./wall texture	NE OFFICE	1	S	NFI	G	L	
3		S906-15	Joint Cmpd./wall texture	UPSTAIRS		S	NFI	G	L	
4		S906-16	Wood Grain/Peel Stick Flooring	Entry	250	M	NFI	D	L	
4		S906-17	Wood Grain	S.E. OFFICE	"	M	NFI	D	L	
4		S906-18	Wood Grain	S.E. OFFICE	"	M	NFI	D	L	
S		S906-19	White Blue Pattern Peel Stic Flooring	West Storage OFFICE	240	M	NFI	D	L	
S		S906-20	"	"	"	M	NFI	D	L	

Released by:

Greg Bramlett

Date/Time:

0900

Received by:

Released by:

11/2/07

Received by:

Date/Time:

Date/Time:

Industrial Hygiene & Safety Technology, Inc.

2235 Keller Way

Carrollton, TX

972.478.7415

Fax 972.478.7615

TDH License #10-0145

E-mail address: greg@ihst.com

Page 2 of 4

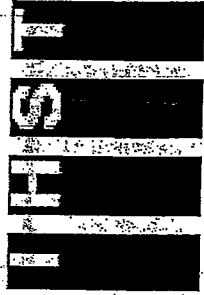
IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton

Fort Worth Texas



040727570

11-1-07

:DATE

:INSPECTOR/TD#

:CLIENT/CONTACT

HOMO AREA #		SAMPLE #	SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #								
5		S906-21	White Blue Pattern Peel Strick Flooring	Kitchen		M	NFI	D	L	
6		S906-22	12X12 Grey Floor tile	Kitchen	80 SF	M	NFI	G	L	
6		S906-23	"	Kitchen	8 "	M	NFI	G	L	
6		S906-24	"	Kitchen	"	M	NFI	G	L	
7		S906-25	Grout under Ceramic Tile	Great Rm	70 SF	M	NFI	G	L	
7		S906-26	"	Great Rm	"	M	NFI	G	L	
7		S906-27	"	Great Rm	"	M	NFI	G	L	
8		S906-28	Fire Brick	Furnace	25 SF	TSI	F	G	L	
8		S906-29	Fire Brick	Furnace	"	TSI	F	G	L	
8		S906-30	Fire Brick	Furnace	"	TSI	F	G	L	

Turnaround Time: () Immediate () Rush () Normal

Released by:

Greg Bramlett

Date/Time:

11/2/07

Received by:

0900

Released by:

Greg Bramlett

Date/Time:

11/2/07

Received by:

0900

Industrial Hygiene & Safety Technology, Inc.

E-mail address: greg@ihst.com

2235 Keller Way

Carrollton, TX

972.478.7415

Fax 972.478.7615

TDH License #10-0145

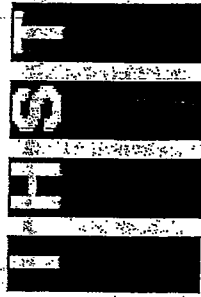
Page 3 of 4

IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton
FORT WORTH TEXAS



040727570

11-01-07

DATE

INSPECTOR/TDH#

CLIENT/CONTACT

Bramlett 10-5040
Louis Berger Group
Seth Schultz

Turnaround Time: () Immediate () Rush (X) Normal

HOMO AREA #	SAMPLE #		LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #							
9	S906-31		Mastic	1 LF	M	NFI	G	L	
9	S906-32		"	"	M	NFI	G	L	
9	S906-33		"	"	M	NFI	G	L	
10	S906-34		Crack	200 LF	M	NFI	G	L	
10	S906-35		"	"	M	NFI	G	L	
10	S906-36		"	"	M	NFI	G	L	
11	S906-37		Flashing	6 LF	M	NFI	G	L	
11	S906-38		Flashing	"	M	NFI	G	L	
11	S906-39		Flashing	"	M	NFI	G	L	

Released by: <u>James Sam</u>	Date/Time: <u>11/2/07</u>	Received by:	Date/Time:
Released by:	Date/Time:	Received by:	Date/Time:
Industrial Hygiene & Safety Technology, Inc. 2235 Keller Way Carrollton, TX 972.478.7415 Fax 972.478.7615 TDH License #10-0145		E-mail address: greg@ihst.com - S. Schultz @ louisberger.com	
Send Results and Billing to Louis Berger Group 119 W. Main Street 23rd Fl		Page 4 of 4	

040727570

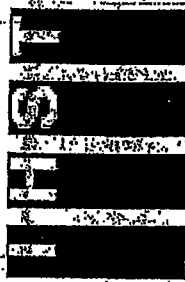
IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton

FORT WORTH TEXAS



040727570

:DATE

:INSPECTOR/TDH#

:CLIENT/CONTACT

11-01-07

Brenkert 10-5040

Louis Berger Group

Seth Schwartz

Turnaround Time: () Immediate () Rush (X) Normal

HOMO AREA #		SAMPLE #	SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
PHOTO #										
9		S906-31	mastic	Florescent Lights	1 LF	M	NFI	G	L	
9		S906-32	"	"	"	M	NFI	G	L	
9		S906-33	"	"	"	M	NFI	G	L	
10		S906-34	Caulk	Exterior Windows	200 LF	M	NFI	G	L	
10		S906-35	"	"	"	M	NFI	G	L	
10		S906-36	"	"	"	M	NFI	G	L	
11		S906-37	Flashing	Roof by Fireplace	6 LF	M	NFI	G	L	
11		S906-38	Flashing	"	"	M	NFI	G	L	
11		S906-39	Flashing	"	"	M	NFI	G	L	

Released by:

Hans Bumolt

Date/Time:

11/2/07

Received by:

Revised page 4, received

Date/Time:

11/2/07

Released by:

on 120607 CJ

Date/Time:

11/2/07

Industrial Hygiene & Safety Technology, Inc.

2235 Keller Way Carrollton, TX 972.478.7415 Fax 972.478.7615

E-mail address: greg@ihst.com - S. Schwartz @ louisberger.com

Send Reports and Billing TO - Louis Berger Group, 119 W. Commerce Street, 23rd Fl

TDH License #10-0145

Page 4 of 4

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Client: The Louis Berger Group, Inc.

Logged: 11/5/07

TAT: 120 Hour

Address: 199 Water Street, 23rd Floor
New York, NY 10038

Date/Time Due: 11/10/2007 9:10:00 AM

Fax:

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to
invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Macroscopic			Treatment	COMPONENT TYPES										MICROSCOPIC							
COLOR (C)				Asbestos			Fibrous			Non-Fibrous				Optical Properties							
1 Brown	4 White	7 Black	1 Teased	1 Chrysotile	7 Cellulose	14 Quartz	1. Wavy		6. Scaled		Sign of Elongation (S)										
2 Gray	5 Red	8 Silver	2 Crushed	2 Amosite	8 Glass	15 Mica	2. Straight		7. Pitted		1. +										
3 Tan	6 Various	9 Blue	3 Dissolve	3 Anthophyllite	9 Min. Wool	16 Gypsum	3. Uniform Diameter		8. Medulla		2. -										
		10 Yellow	4 Ashed	4 Tremolite	10 Synthetic	17 Cal. Carbonate	4. Ribbon-Like		9. Exotic Shapes		3. Variable										
			5 Heated	5 Actinolite	11 Other	18 Matrix	5. Tapered Ends		10. Other		4. None		Fiber Color (FC)		Extinction (E)						
TEXTURE (T)					12 Wollastonite	19 Perlite					2. No		Birefringence (B)		1. Parallel						
1 Fibrous 2 Non-Fibrous 3 Other					13 Hair	20 Other							1 Low: 0.010		2. Symmetrical						
HOMOGENEITY (H)													2 Med 0.010-0.050		3. Oblique						
1 Homogeneous 3 OTHER													3 High >0.050		4. Undulose						
2 Heterogeneous 4 Layers (#)													4 None 0.00 or Isotropic								
			Stereo Asbestos Est. %	Asbestos Type	% of Asbestos	Other Fibrous		Non-Fibrous		Non-Asb Char.											
Sample	Macrosc.	Treat				Type	%	Type	%	Ex. E4	Optical Properties										
+1	(C) 1,4	1/3	0	MD		7	SD	20	SD	MY	⊥ R.I.		R.I.								
	(T) 1										M		S								
	(H) 2										P	B	(FC)	E							
+2	(C) 1,4	1/3	0	MD		7	SD	20	SD	MY	⊥ R.I.		R.I.								
	(T) 1										M		S								
	(H) 2										P	B	(FC)	E							
+3	(C) 1,4	1/3	0	MD		7	SD	20	SD	MY	⊥ R.I.		R.I.								
	(T) 1										M		S								
	(H) 2										P	B	(FC)	E							
4	(C)							20			⊥ R.I.		R.I.								
	(T)										M		S								
	(H)										P	B	(FC)	E							
5	(C)							20			⊥ R.I.		R.I.								
	(T)										M		S								
	(H)										P	B	(FC)	E							
6	(C) 3,4	1/3	2	1	2	7	15	20	83		1.550 ⊥ R.I.		1.553 R.I.								
	(T) 1										M		S								
	(H) 2										2 ^p	B	(FC) 6	1	E						
7	(C) 3,4	1/3	2	1	2	7	15	20	83		1.570 ⊥ R.I.		1.553 R.I.								
	(T) 1										M		S								
	(H) 2										2	B	(FC) 6	1	E						
8	(C) 3,4	1/3	2	1	2	7	15	20	83		1.570 ⊥ R.I.		1.553 R.I.								
	(T) 1										M		S								
	(H) 2										2	B	(FC) 6	1	E						
9	(C) 4	3/2	0	1	2	7	10	20	88		⊥ R.I.		R.I.								
	(T) 2										M		S								
	(H) 2										P	B	(FC)	E							
10	(C) 4	3/2	0	1	3	7	10	20	87		⊥ R.I.		R.I.								
	(T) 2										M		S								
	(H) 2										P	B	(FC)	E							

Analyst: JLC/AB Date: 11/10/07 Computer: _____ Date: _____

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

2

Client: The Louis Berger Group, Inc.

Logged: 11/5/07

TAT: 120 Hour

Address: 199 Water Street, 23rd Floor
New York, NY 10038

Date/Time Due: 11/10/2007 9:10:00 AM

Fax:

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to
invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Macroscopic			Treatment	COMPONENT TYPES										MICROSCOPIC												
COLOR (C)				Asbestos			Fibrous			Non-Fibrous				Optical Properties												
1 Brown	4 White	7 Black	1 Teased	1 Chrysotile			7 Cellulose			14 Quartz				Morphology (M)			Sign of Elongation (S)									
2 Gray	5 Red	8 Silver	2 Crushed	2 Amosite			8 Glass			15 Mica				1. Wavy			6. Scaled									
3 Tan	6 Various	9 Blue	3 Dissolve	3 Anthophyllite			9 Min. Wool			16 Gypsum				2. Straight			7. Pitted									
		10 Yellow	4 Ashed	4 Tremolite			10 Synthetic			17 Cal. Carbonate				3. Uniform Diameter			8. Medulla									
			5 Heated	5 Actinolite			11 Other			18 Matrix				4. Ribbon-Like			9. Exotic Shapes									
			6 Melted	6 Crocidolite			12 Wollastonite			19 Perlite				5. Tapered Ends			10. Other									
TEXTURE (T)															Pleochroism (P)			Birefringence (B)			Fiber Color (FC)			Extinction (E)		
1 Fibrous 2 Non-Fibrous 3 Other															1. Yes			1. Low: 0.010			1. White			1. Parallel		
HOMOGENEITY (H)															2. No			2. Med 0.010-0.050			2. Brown			2. Symmetrical		
1 Homogeneous 3 OTHER																		3. High >0.050			3. Beige			3. Oblique		
2 Heterogeneous 4 Layers (#)																		4. None 0.00 or Isotropic			4. Blue			4. Uniaxial		
																					5. Green			5. Colorless		

Analyst: J.G. / [Signature] Date: 11/10/07 Computer: _____ Date: _____

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

3

Client: The Louis Berger Group, Inc.
Address: 199 Water Street, 23rd Floor
 New York, NY 10038

Logged: 11/5/07

TAT: 120 Hour

Date/Time Due: 11/10/2007 9:10:00 AM

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Fax:

Project: AACM PHASE 3 FORT WORTH
 AACM PHASE 3 FT WORTH

Macroscopic			Treatment		COMPONENT TYPES						MICROSCOPIC			
COLOR (C)					Asbestos		Fibrous		Non-Fibrous		Optical Properties			
1 Brown	4 White	7 Black	1 Teased		1 Chrysotile		7 Cellulose		14 Quartz		Morphology (M)		Sign of Elongation (S)	
2 Gray	5 Red	8 Silver	2 Crushed		2 Amosite		8 Glass		15 Mica		1. Wavy	6. Scaled	1. +	
3 Tan	6 Various	10 Yellow	3 Dissolve		3 Anthophyllite		9 Min. Wool		16 Gypsum		2. Straight	7. Fitted	2. -	
			4 Ashed		4 Tremolite		10 Synthetic		17 Cal. Carbonate		3. Uniform Diameter	8. Medulla	3. Variable	
			5 Heated		5 Actinolite		11 Other		18 Matrix		4. Ribbon-Like	9. Exotic Shapes		
			6 Melted		6 Crocidolite		12 Wollastonite		19 Perlite		5. Tapered Ends	10. Other		
TEXTURE (T)									20 Other		Pleochroism (P)		Birefringence (B)	
1 Fibrous	2 Non-Fibrous	3 Other									1. Yes	1. Low: 0.010	1. White	1. Parallel
HOMOGENEITY (H)											2. No	2. Med 0.010-0.050	2. Brown	2. Symmetrical
1 Homogeneous	3 OTHER											3. High >0.050	3. Blue	3. Oblique
2 Heterogeneous	4 Layers (#)											4. None 0.00 or Isotropic	4. Green	4. Undulose
													5. Colorless	
Sample	Macrosc.	Treat	Stereo Asbestos Est. %	Asbestos Type	% of Asbestos	Other Fibrous Type	%	Non-Fibrous Type	%	Non-Asb Char. Ex. E4	Optical Properties			
16 Flooring	(C) 7 (T) 2 (H) 1	1	0	RD				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
16 mastic	(C) 1 (T) 2 (H) 1	1/3	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
17 Flooring	(C) 1,7 (T) 2 (H) 1	1	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
17 mastic	(C) 1 (T) 2 (H) 1	1	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
18 Flooring	(C) 1,7 (T) 2 (H) 2	3	0	↓				20	↓		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
18 mastic	(C) 1 (T) 2 (H) 1	3	0	↓				20	↓		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
19 Flooring	(C) 4,7,9 (T) 2 (H) 1	1/3	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
19 mastic	(C) 1 (T) 2 (H) 1	1/3	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
20 Flooring	(C) 4,7,9 (T) 2 (H) 1	1	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E
20 mastic	(C) 1 (T) 2 (H) 1	1/3	0	ND				20	100		⊥ R.I.		R.I.	
											M		S	
											P	B	(FC)	E

Analyst: T.C./P.D. **Date:** 11/10/07 **Computer:** **Date:**

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Client: The Louis Berger Group, Inc.

Logged: 11/5/07

TAT: 120 Hour

Address: 199 Water Street, 23rd Floor
New York, NY 10038

Date/Time Due: 11/10/2007 9:10:00 AM

Fax:

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to
invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Macroscopic		Treatment		COMPONENT TYPES						MICROSCOPIC			
COLOR (C)				Asbestos		Fibrous		Non-Fibrous		Optical Properties			
1 Brown	4 White	7 Black		1 Chrysotile		7 Cellulose		14 Quartz		Morphology (M)		Sign of Elongation (S)	
2 Gray	5 Red	8 Silver		2 Amosite		8 Glass		15 Mica		1. Wavy	6. Scaled	1. +	
3 Tan	6 Various	9 Blue		3 Anthophyllite		9 Min. Wool		16 Gypsum		2. Straight	7. Filled	2. -	
		10 Yellow		4 Ashed		10 Synthetic		17 Cal. Carbonate		3. Uniform Diameter	8. Mottled	3. Variable	
				5 Heated		11 Other		18 Matrix		4. Ribbon-Like	9. Exotic Shapes		
				6 Melted		12 Wollastonite		19 Perlite		5. Tapered Ends	10. Other		
						13 Hair		20 Other		Pleochroism (P)		Birefringence (B)	
										1. Yes	1. Low: 0.010	Fiber Color (FC)	
										2. No	2. Med 0.010-0.050	1. White	1. Parallel
											3. High >0.050	2. Brown	2. Symmetrical
											4. None 0.00 or Isotropic	3. Beige	3. Oblique
												4. Blue	4. Undulose
												5. Green	
												6. Colorless	
TEXTURE (T)													
1 Fibrous	2 Non-Fibrous	3 Other											
HOMOGENEITY (H)													
1 Homogeneous	3 OTHER												
2 Heterogeneous	4 Layers (#)												
Sample	Macrosc.	Treat	Stereo Asbestos Est. %	Asbestos Type	% of Asbestos	Other Fibrous Type	%	Non-Fibrous Type	%	Non-Asb Char. Ex. E4	Optical Properties		
21 Flooring	(C) 4/7 (T) 2 (H) 2	3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
21 Mastic	(C) 1/2 (T) 1 (H) 1	3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
22 tile	(C) 2 (T) 2 (H) 1	2/3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
22 mastic	(C) 10 (T) 2 (H) 1	1/3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
23 tile	(C) 2 (T) 2 (H) 1	2/3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
23 mastic	(C) 10 (T) 2 (H) 1	1/3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
24 tile	(C) 1/2 (T) 2 (H) 1	3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
24 mastic	(C) 1 (T) 2 (H) 1	3	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
25	(C) 4 (T) 2 (H) 1	1	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E
26	(C) 4 (T) 2 (H) 1	1	0	MD				20	100		⊥ R.I.	R.I.	
											M	S	
											P	B	(FC) E

Analyst: 026/ADP Date: 11/10/07 Computer: _____ Date: _____

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

5

Client: The Louis Berger Group, Inc.
Address: 199 Water Street, 23rd Floor
 New York, NY 10038

Logged: 11/5/07

TAT: 120 Hour

Date/Time Due: 11/10/2007 9:10:00 AM

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Fax:

Project: AACM PHASE 3 FORT WORTH
 AACM PHASE 3 FT WORTH

Macroscopic			Treatment		COMPONENT TYPES						MICROSCOPIC			
COLOR (C)			1 Teased 2 Crushed 3 Dissolve 4 Ashed 5 Heated 6 Melted		Asbestos		Fibrous		Non-Fibrous		Optical Properties			
1 Brown 4 White 7 Black 2 Gray 5 Red 8 Silver 3 Tan 6 Various 9 Blue 10 Yellow					1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite		7 Cellulose 8 Glass 9 Min. Wool 10 Synthetic 11 Other 12 Wollastonite 13 Hair		14 Quartz 15 Mica 16 Gypsum 17 Cal. Carbonate 18 Matrix 19 Perlite 20 Other		Morphology (M) 1. Wavy 4. Scaled 2. Straight 7. Pitted 3. Uniform Diameter 8. Medulla 4. Ribbon-Like 9. Exotic Shapes 5. Tapered Ends 10. Other Pleochroism (P) 1. Yes 2. No Birefringence (B) 1. Low: 0.010 2. Med 0.010-0.050 3. High >0.050 4. None 0.00 or Isotropic Fiber Color (FC) 1. White 2. Brown 3. Beige 4. Blue 5. Green 6. Colorless Sign of Elongation (S) 1. + 2. - 3. Variable Extinction (E) 1. Parallel 2. Symmetrical 3. Oblique 4. Undulose			
TEXTURE (T)			Stereo Asbestos Est. %		Asbestos Type		% of Asbestos		Other Fibrous Type %		Non-Fibrous Type %		Non-Asb Char. Ex. E4	
1 Fibrous 2 Non-Fibrous 3 Other HOMOGENEITY (H) 1 Homogeneous 3 OTHER 2 Heterogeneous 4 Layers (#)														
Sample	Macrosc.	Treat											Optical Properties	
27	(C) 1/5 (T) 2 (H) 2	2	0	MD						20	100		⊥ R.I.	R.I.
													M	S
													P	B (FC) E
28	(C) 3 (T) 2 (H) 2	1	0	MD			75			20	95	MY	⊥ R.I.	R.I.
													M	S
													P	B (FC) E
29	(C) 3 (T) 2 (H) 2	1	0	MD			75			20	95	MY	⊥ R.I.	R.I.
													M	S
													P	B (FC) E
30	(C) 3 (T) 2 (H) 2	1	0	MD			710			20	90	MY	⊥ R.I.	R.I.
													M	S
													P	B (FC) E
31	(C) 7 (T) 2 (H) 1	1	0	MD						20	100		⊥ R.I.	R.I.
													M	S
													P	B (FC) E
32	(C) 7 (T) 2 (H) 1	1	0	MD						20	100		⊥ R.I.	R.I.
													M	S
													P	B (FC) E
33	(C) 7 (T) 2 (H) 1	3	0	MD						20			⊥ R.I.	R.I.
													M	S
													P	B (FC) E
34	(C) 6 (T) 2 (H) 2	1	0	MD						20	100		⊥ R.I.	R.I.
													M	S
													P	B (FC) E
35	(C) 6 (T) 2 (H) 2	1	0	MD						20	100		⊥ R.I.	R.I.
													M	S
													P	B (FC) E
36	(C) 2 (T) 2 (H) 1	3	0	MD						20			⊥ R.I.	R.I.
													M	S
													P	B (FC) E

Analyst: O. G. [Signature] **Date:** 11/10/07 **Computer:** _____ **Date:** _____

Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Client: The Louis Berger Group, Inc.

Logged: 11/5/07

TAT: 120 Hour

Address: 199 Water Street, 23rd Floor
New York, NY 10038

Date/Time Due: 11/10/2007 9:10:00 AM

Fax:

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to
invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number /

Order Number

040727570

Macroscopic		Treatment		COMPONENT TYPES								MICROSCOPIC									
COLOR (C)		1 Teased 2 Crushed 3 Dissolve 4 Ashed 5 Heated 6 Melted		Asbestos		Fibrous		Non-Fibrous				Optical Properties									
1 Brown 4 White 7 Black 2 Gray 5 Red 8 Silver 3 Tan 6 Various 9 Blue 10 Yellow				1 Chrysotile 2 Amosite 3 Anthophyllite 4 Tremolite 5 Actinolite 6 Crocidolite		7 Cellulose 8 Glass 9 Min. Wool 10 Synthetic 11 Other 12 Wollastonite 13 Hair		14 Quartz 15 Mica 16 Gypsum 17 Cal. Carbonate 18 Matrix 19 Perlite 20 Other				<div style="display: flex; justify-content: space-between;"> <div> Morphology (M) 1. Wavy 2. Straight 3. Uniform Diameter 4. Ribbon-Like 5. Tapered Ends 6. Scaled 7. Fitted 8. Medulla 9. Exotic Shapes 10. Other </div> <div> Sign of Elongation (S) 1. + 2. - 3. Variable </div> </div> <div style="display: flex; justify-content: space-between;"> <div> Pleochroism (P) 1. Yes 2. No </div> <div> Birefringence (B) 1. Low: 0.010 2. Med 0.010-0.050 3. High >0.050 4. None 0.00 or Isotropic </div> <div> Fiber Color (FC) 1. White 2. Brown 3. Beige 4. Blue 5. Green 6. Colorless </div> <div> Extinction (E) 1. Parallel 2. Symmetrical 3. Oblique 4. Undulose </div> </div>									
TEXTURE (T)		STEREO		Asbestos		Other Fibrous		Non-Fibrous		Non-Asb Char.		Optical Properties									
1 Fibrous 2 Non-Fibrous 3 Other		1 Homogeneous 3 OTHER 2 Heterogeneous 4 Layers (#)		Stereo Asbestos Est. %		Asbestos Type		Other Fibrous Type %		Non-Fibrous Type %		Non-Asb Char. Ex. E4									
Sample		Macrosc.		Treat		Asbestos Type		Other Fibrous Type %		Non-Fibrous Type %		Non-Asb Char. Ex. E4		Optical Properties							
37		4.7		1/3		NO		7 30		20 70		MY		⊥ R.I. R.I. M S P B (FC) E							
38		4.7		1/3		1 5		7 30		20 65		MY		1.070 ⊥ R.I. 1.753 R.I. 1 M 1 S 2 1 B (FC) 6 1 E							
39		7		3		NO		7 30		20 70		J		⊥ R.I. R.I. M S P B (FC) E							
										20				⊥ R.I. R.I. M S P B (FC) E							
4 wall text		4		3		NO				20 100				⊥ R.I. R.I. M S P B (FC) E							
10 cmpt		4		2						20				⊥ R.I. R.I. M S P B (FC) E							
drywall		1/4		1/2				7 30		20 70		MY		⊥ R.I. R.I. M S P B (FC) E							
5 wall text		4		3						20 100				⊥ R.I. R.I. M S P B (FC) E							
10 cmpt		4		2						20				⊥ R.I. R.I. M S P B (FC) E							
drywall		1/4		1/2				7 30		20 70		MY		⊥ R.I. R.I. M S P B (FC) E							

Analyst: T-G JRB Date: 11/10/07 Computer: Date:

7

TAT: 120 Hour

Date/Time Due: 11/10/2007 9:10:00 AM

040727570

EMSL Analytical, Inc., 107 Haddon Ave., Westmont, NJ 08108

INTERNAL CHAIN OF CUSTODY

11/5/2007 3:22:51 PM

Order ID: 040727570

Attn: Seth Schultz
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (917) 715-5731

Project: AACM PHASE 3 FT WORTH

Customer ID LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM

EMSL Order: 040727570
EMSL Project ID: AACM PHASE 3 FORT WORTH

Test: PLM **Matrix** Bulk **TAT:** 120 Hour **Qty:** 39

Acct Sts: SI **Slspnsn:** tnardozzi

Logged: dpullman

Date:

Sample Condition: ☒ Acceptable
☐ Unacceptable

Comments

- ☐ Exempt from prep charge
☐ Exempt from lab opening fee
☐ Exempt from layer/aliquot charges

Prepped:

Date:

Analyzed:

Date:

Data Entry:

Date:

Screened:

Date:

Mailed:

Date:

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number / "EMSL" / EMSL Order Number.

Order ID	Lab Sample #	Cust. Sample #	Location	Due Date
040727570	040727570-0001	5906-1	N. WALL ENTRY	11/10/2007 9:10:00 AM
040727570	040727570-0002	5906-2	SE OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0003	5906-3	W.WALL GREAT RM	11/10/2007 9:10:00 AM
040727570	040727570-0004	5906-4	N.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0005	5906-5	UPSTAIRS W. WALL	11/10/2007 9:10:00 AM
040727570	040727570-0006	5906-6	S.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0007	5906-7	S.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0008	5906-8	WOMENS RESTROOM	11/10/2007 9:10:00 AM
040727570	040727570-0009	5906-9	HALL BY KITCHEN	11/10/2007 9:10:00 AM
040727570	040727570-0010	5906-10	UPSTAIRS	11/10/2007 9:10:00 AM
040727570	040727570-0011	5906-11	S.E. OFFICE	11/10/2007 9:10:00 AM

INTERNAL CHAIN OF CUSTODY

11/5/2007 3:22:53 PM

Order ID: 040727570

Attn: Seth Schultz
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (917) 715-5731

Project: AACM PHASE 3 FT WORTH

Customer ID LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM

EMSL Order: 040727570
EMSL Project ID: AACM PHASE 3 FORT WORTH

040727570	040727570-0012	5906-12	MECHANICAL RM	11/10/2007 9:10:00 AM
040727570	040727570-0013	5906-13	N.E. WALL GREAT RM	11/10/2007 9:10:00 AM
040727570	040727570-0014	5906-14	N.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0015	5906-15	UPSTAIRS	11/10/2007 9:10:00 AM
040727570	040727570-0016	5906-16	ENTRY	11/10/2007 9:10:00 AM
040727570	040727570-0017	5906-17	S.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0018	5906-18	S.E. OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0019	5906-19	WEST STORAGE OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0020	5906-20	WEST STORAGE OFFICE	11/10/2007 9:10:00 AM
040727570	040727570-0021	5906-21	KITCHEN	11/10/2007 9:10:00 AM
040727570	040727570-0022	5906-22	KITCHEN	11/10/2007 9:10:00 AM
040727570	040727570-0023	5906-23	KITCHEN	11/10/2007 9:10:00 AM
040727570	040727570-0024	5906-24	KITCHEN	11/10/2007 9:10:00 AM
040727570	040727570-0025	5906-25	GREAT RM	11/10/2007 9:10:00 AM
040727570	040727570-0026	5906-26	GREAT RM	11/10/2007 9:10:00 AM
040727570	040727570-0027	5906-27	GREAT RM	11/10/2007 9:10:00 AM
040727570	040727570-0028	5906-28	FURNACE	11/10/2007 9:10:00 AM
040727570	040727570-0029	5906-29	FURNACE	11/10/2007 9:10:00 AM
040727570	040727570-0030	5906-30	FURNACE	11/10/2007 9:10:00 AM
040727570	040727570-0031	5906-31	FLORESCENT LIGHTS	11/10/2007 9:10:00 AM
040727570	040727570-0032	5906-32	FLORESCENT LIGHTS	11/10/2007 9:10:00 AM

INTERNAL CHAIN OF CUSTODY

11/5/2007 3:22:55 PM

Order ID: 040727570

Attn: Seth Schultz
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (917) 715-5731

Project: AACM PHASE 3 FT WORTH

Customer ID LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM

EMSL Order: 040727570
EMSL Project ID: AACM PHASE 3 FORT WORTH

040727570	040727570-0033	5906-33	FLORESCENT LIGHTS	11/10/2007 9:10:00 AM
040727570	040727570-0034	5906-34	EXTERIOR WINDOWS	11/10/2007 9:10:00 AM
040727570	040727570-0035	5906-35	EXTERIOR WINDOWS	11/10/2007 9:10:00 AM
040727570	040727570-0036	5906-36	EXTERIOR WINDOWS	11/10/2007 9:10:00 AM
040727570	040727570-0037	5906-37	EXTERIOR WINDOWS Roof by fireplace	11/10/2007 9:10:00 AM
040727570	040727570-0038	5906-38	EXTERIOR WINDOWS Roof by fireplace	11/10/2007 9:10:00 AM
040727570	040727570-0039	5906-39	EXTERIOR WINDOWS Roof by fireplace	11/10/2007 9:10:00 AM

CJ 12/06/07

Appendix:

Appendix C: Bulk Summary Report

Table 1. Summary of Bulk Sample Analysis and Assessment

The Louis Berger Group, Inc.

Oak Hollow Office

5901 Boca Raton Blvd

Ft. Worth, TX 76112

Survey Date(s): 11/1/2007 through 11/1/2007

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-01	Wall Texture (homogeneous area # 01)	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall	Wall Texture - NAD Joint Compound - NAD Drywall - NAD	5700 s.f.	Surfacing	NF II	Good	Low	0
5906-02	Wall Texture (homogeneous area # 01)	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall	Wall Texture - NAD Joint Compound - NAD Drywall - NAD	5700 s.f.	Surfacing	NF II	Good	Low	0
5906-03	Wall Texture (homogeneous area # 01)	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall	Wall Texture - NAD Joint Compound - NAD Drywall - NAD	5700 s.f.	Surfacing	NF II	Good	Low	0
5906-04	Wall Texture (homogeneous area # 01)	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall	Wall Texture - NAD Joint Compound - NAD Drywall - NAD	5700 s.f.	Surfacing	NF II	Good	Low	0
5906-05	Wall Texture (homogeneous area # 01)	N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall	Wall Texture - NAD Joint Compound - NAD Drywall - NAD	5700 s.f.	Surfacing	NF II	Good	Low	0
5906-06	Popcorn Ceiling Texture (homogeneous area # 02)	SE Office, Women's Restroom, Hall by Kitchen, Upstairs	Ceiling Texture - 2% CH	2200 s.f.	Surfacing	NF II	Good	Low	1

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-07	Popcorn Ceiling Texture (homogeneous area # 02)	SE Office, Women's Restroom, Hall by Kitchen, Upstairs	Ceiling Texture - 2% CH	2200 s.f.	Surfacing	NF II	Good	Low	1
5906-08	Popcorn Ceiling Texture (homogeneous area # 02)	SE Office, Women's Restroom, Hall by Kitchen, Upstairs	Ceiling Texture - 2% CH	2200 s.f.	Surfacing	NF II	Good	Low	1
5906-09	Popcorn Ceiling Texture (homogeneous area # 02)	SE Office, Women's Restroom, Hall by Kitchen, Upstairs	Ceiling Texture - 2% CH	2200 s.f.	Surfacing	NF II	Good	Low	1
5906-10	Popcorn Ceiling Texture (homogeneous area # 02)	SE Office, Women's Restroom, Hall by Kitchen, Upstairs	Ceiling Texture - 2% CH	2200 s.f.	Surfacing	NF II	Good	Low	1
5906-11	Sheetrock Joint Compound (homogeneous area # 03)	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs	Joint Compound - 2% CH Wall Texture - NAD	5700 s.f.	Surfacing	NF II	Good	Low	1
5906-12	Sheetrock Joint Compound (homogeneous area # 03)	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs	Joint Compound - NAD Wall Texture - NAD	5700 s.f.	Surfacing	NF II	Good	Low	1
5906-13	Sheetrock Joint Compound (homogeneous area # 03)	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs	Joint Compound - NAD Wall Texture - NAD	5700 s.f.	Surfacing	NF II	Good	Low	1
5906-14	Sheetrock Joint Compound (homogeneous area # 03)	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs	Joint Compound - NAD Wall Texture - NAD	5700 s.f.	Surfacing	NF II	Good	Low	1

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-15	Sheetrock Joint Compound (homogeneous area # 03)	SE Office, Mech Room, NE Wall Great Room, NE Office, Upstairs	Joint Compound - NAD Wall Texture - NAD	5700 s.f.	Surfacing	NF II	Good	Low	1
5906-16	Peel and Stick Flooring (Wood Grain) and Mastic (Brown) (homogeneous area # 04)	Entry, SE Office	Wood Grain Flooring - NAD Brown Mastic - NAD	250 s.f.	Misc	NF I	Damaged	Low	0
5906-17	Peel and Stick Flooring (Wood Grain) and Mastic (Brown) (homogeneous area # 04)	Entry, SE Office	Wood Grain Flooring - NAD Brown Mastic - NAD	250 s.f.	Misc	NF I	Damaged	Low	0
5906-18	Peel and Stick Flooring (Wood Grain) and Mastic (Brown) (homogeneous area # 04)	Entry, SE Office	Wood Grain Flooring - NAD Brown Mastic - NAD	250 s.f.	Misc	NF I	Damaged	Low	0
5906-19	Peel and Stick Flooring (White/Blue Pattern) and Mastic (Brown) (homogeneous area # 05)	West Storage Office, Kitchen	White/Blue Flooring - NAD Brown Mastic - NAD	240 s.f.	Misc	NF I	Damaged	Low	0
5906-20	Peel and Stick Flooring (White/Blue Pattern) and Mastic (Brown) (homogeneous area # 05)	West Storage Office, Kitchen	White/Blue Flooring - NAD Brown Mastic - NAD	240 s.f.	Misc	NF I	Damaged	Low	0
5906-21	Peel and Stick Flooring (White/Blue Pattern) and Mastic (Brown) (homogeneous area # 05)	West Storage Office, Kitchen	White/Blue Flooring - NAD Brown Mastic - NAD	240 s.f.	Misc	NF I	Damaged	Low	0
5906-22	12" x 12" Floor Tile (Grey) and Mastic (Yellow) and (Brown) (homogeneous area # 06)	Kitchen	Grey Floor Tile - NAD Yellow Mastic - NAD	80 s.f.	Misc	NF I	Good	Low	0

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-23	12" x 12" Floor Tile (Grey) and Mastic (Yellow) and (Brown) (homogeneous area # 06)	Kitchen	Grey Floor Tile - NAD Yellow Mastic - NAD	80 s.f.	Misc	NF I	Good	Low	0
5906-24	12" x 12" Floor Tile (Grey) and Mastic (Yellow) and (Brown) (homogeneous area # 06)	Kitchen	Grey Floor Tile - NAD Brown Mastic - NAD	80 s.f.	Misc	NF I	Good	Low	0
5906-25	Grout (White) (Under Ceramic Tile) (homogeneous area # 07)	Great Room	White Grout - NAD	705 s.f.	Misc	NF II	Good	Low	0
5906-26	Grout (White) (Under Ceramic Tile) (homogeneous area # 07)	Great Room	White Grout - NAD	705 s.f.	Misc	NF II	Good	Low	0
5906-27	Grout (White) (Under Ceramic Tile) (homogeneous area # 07)	Great Room	White/Red Grout - NAD	705 s.f.	Misc	NF II	Good	Low	0
5906-28	Fire Brick (homogeneous area # 08)	Furnace	Fire Brick - NAD	25 s.f.	TSI	NF II	Good	Low	0
5906-29	Fire Brick (homogeneous area # 08)	Furnace	Fire Brick - NAD	25 s.f.	TSI	NF II	Good	Low	0
5906-30	Fire Brick (homogeneous area # 08)	Furnace	Fire Brick - NAD	25 s.f.	TSI	NF II	Good	Low	0

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-31	Mastic (Black) (homogeneous area # 09)	Florescent Lights	Black Mastic - NAD	1 l.f.	Misc	NF II	Good	Low	0
5906-32	Mastic (Black) (homogeneous area # 09)	Florescent Lights	Black Mastic - NAD	1 l.f.	Misc	NF II	Good	Low	0
5906-33	Mastic (Black) (homogeneous area # 09)	Florescent Lights	Black Mastic - NAD	1 l.f.	Misc	NF II	Good	Low	0
5906-34	Caulk (homogeneous area # 10)	Exterior Windows	Caulking - NAD	200 l.f.	Misc	NF II	Good	Low	0
5906-35	Caulk (homogeneous area # 10)	Exterior Windows	Caulking - NAD	200 l.f.	Misc	NF II	Good	Low	0
5906-36	Caulk (homogeneous area # 10)	Exterior Windows	Caulking - NAD	200 l.f.	Misc	NF II	Good	Low	0
5906-37	Flashing (homogeneous area # 11)	Roof by fireplace	White/Black Flashing - NAD	6 l.f.	Misc	NF II	Good	Low	1
5906-38	Flashing (homogeneous area # 11)	Roof by fireplace	White/Black Flashing - 5% CH	6 l.f.	Misc	NF II	Good	Low	1

Sample ID#	Sample Description	Material Location	Percent & Type of Asbestos Detected (a)	Estimated Quantity	Type of ACM (b)	Friability (c)	Physical Condition	Potential for Disturbance	Response Rating
5906-39	Flashing (homogeneous area # 11)	Roof by fireplace	Black Flashing - NAD	6 l.f.	Misc	NF II	Good	Low	1

Table Key:

(a) CH = Chrysotile; AM = Amosite; CR = Crocidolite; AN = Anthophyllite; AC = Actinolite; NAD = NAD = No Asbestos Detected

(b) Misc = Miscellaneous; TSI = Thermal Systems Insulation

(c) F = Friable; NF I = Non-Friable Category I; NF II = Non-Friable Category II

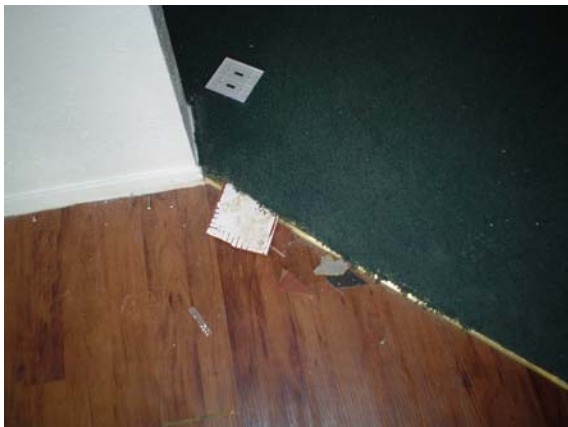


Asbestos Survey - IHST 17800
The Louis Berger Group, Inc. - Oak Hollow Office
5901 Boca Raton Blvd
Ft. Worth, TX 76112

Appendix:

Appendix D: Photographs

Survey Photographs



Grout (White) (Under Ceramic Tile): Great Room; Qty: 705 s.f.



Peel and Stick Flooring (White/Blue Pattern) and Mastic (Brown): West Storage Office, Kitchen; Qty: 240 s.f.



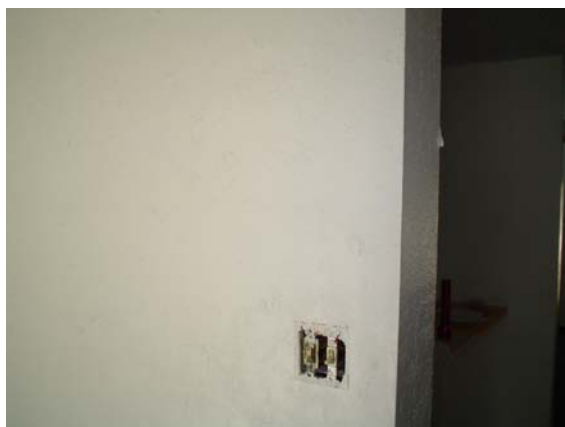
Peel and Stick Flooring (Wood Grain) and Mastic (Brown): Entry, SE Office; Qty: 250 s.f.



Popcorn Ceiling Texture: SE Office, Women's Restroom, Hall by Kitchen, Upstairs; Qty: 2200 s.f.



Popcorn Ceiling Texture: SE Office, Women's Restroom, Hall by Kitchen, Upstairs; Qty: 2200 s.f.



Wall Texture: N. Wall Entry, SE Office, W. Wall Great Room, NE Office, Upstairs W. Wall; Qty: 5700 s.f.

Appendix:

**Appendix E: Transmission
Electron Microscopy Lab
Results**

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900

Project: **AACM PHASE 3 FT WORTH**

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 12/7/2007
Report Date: 12/7/2007

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
5906-16 FLOORING 040727570-0016	ENTRY	Brown Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-16 MASTIC 040727570-0016A	ENTRY	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-17 FLOORING 040727570-0017	S.E. OFFICE	Brown Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-17 MASTIC 040727570-0017A	S.E. OFFICE	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-18 FLOORING 040727570-0018	S.E. OFFICE	Brown Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-18 MASTIC 040727570-0018A	S.E. OFFICE	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-19 FLOORING 040727570-0019	WEST STORAGE OFFICE	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-19 MASTIC 040727570-0019A	WEST STORAGE OFFICE	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-20 FLOORING 040727570-0020	WEST STORAGE OFFICE	Blue Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	

Analyst(s)

Derrick Young (24)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontasblab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900
 Project: **AACM PHASE 3 FT WORTH**

Customer ID: LOUI56
 Customer PO: JG500P5
 Received: 11/05/07 9:10 AM
 EMSL Order: 040727570

EMSL Proj: AACM PHASE 3 FORT WORTH
 Analysis Date: 12/7/2007
 Report Date: 12/7/2007

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
5906-20 MASTIC 040727570-0020A	WEST STORAGE OFFICE	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-21 FLOORING 040727570-0021	KITCHEN	Blue Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-21 MASTIC 040727570-0021A	KITCHEN	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-22 TILE 040727570-0022	KITCHEN	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-22 MASTIC 040727570-0022A	KITCHEN	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-23 TILE 040727570-0023	KITCHEN	Tan Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-23 MASTIC 040727570-0023A	KITCHEN	Yellow Non-Fibrous Homogeneous	100.0	None	<1% Chrysotile	<1
5906-24 TILE 040727570-0024	KITCHEN	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-24 MASTIC 040727570-0024A	KITCHEN	Yellow Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	

Analyst(s)

Derrick Young (24)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

**EMSL Analytical, Inc.**

107 Haddon Ave., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4960 Email: westmontaslab@EMSL.com

Attn: **Seth Schultz**
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (212) 612-7900

Project: **AACM PHASE 3 FT WORTH**

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570

EMSL Proj: AACM PHASE 3 FORT WORTH
Analysis Date: 12/7/2007
Report Date: 12/7/2007

Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
5906-31 040727570-0031	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-32 040727570-0032	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-33 040727570-0033	FLORESCENT LIGHTS	Black Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-34 040727570-0034	EXTERIOR WINDOWS	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-35 040727570-0035	EXTERIOR WINDOWS	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	
5906-36 040727570-0036	EXTERIOR WINDOWS	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	

Analyst(s)

Derrick Young (24)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted.

CHATFIELD/NOB METHODS

EPA 600/R-93/116

(B)

Client: The Louis Berger Group, Inc.

Project: AACM PHASE 3 FORT WORTH

Lab Sample: 040727570-0016

Order: 040727570

AACM PHASE 3 FT WORTH

Cust Sample: 5906-16 FLOORING

Sample Description gray/brown flooring Prepped by CB Date 12/6/07
 Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.6104
 Weight of crucible & sample B: 10.0905
W1 WEIGHT OF SAMPLE (B-A) **W1:** 4801
 POST ASH Weight of crucible & sample C: 9.9609
W2 WEIGHT OF RESIDUE **W2:** 3505
 POST ACID Weight of petri dish & filter D: 8.4655
 Weight of sample & petri dish E: 8.5030
W3 WEIGHT OF RESIDUE (E-D) **W3:** 0375

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
 1 _____ %
 2 _____ %

Non-asbestos Fiber Type(s) Amount
 1 _____ %
 2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
 1 77D _____ %
 2 _____ %

Non-asbestos Fiber Type(s) Amount
 1 _____ %
 2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: J

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: DJ Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0016A
Cust Sample: 5906-16 MASTIC

Sample Description yellow mastic Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.2894
Weight of crucible & sample B: 8.3763
W1 WEIGHT OF SAMPLE (B-A) W1: 0.0869
POST ASH Weight of crucible & sample C: 8.3275
W2 WEIGHT OF RESIDUE W2: 0.0381
POST ACID Weight of petri dish & filter D: 8.4645
Weight of sample & petri dish E: 8.4984
W3 WEIGHT OF RESIDUE (E-D) W3: 0.0339

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: J

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07
2

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0017
Cust Sample: 5906-17 FLOORING

Sample Description gray/brown flooring Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 10.1172
Weight of crucible & sample B: 10.6860
W1 WEIGHT OF SAMPLE (B-A) W1: .5688
POST ASH Weight of crucible & sample C: 10.4918
W2 WEIGHT OF RESIDUE W2: .3746
POST ACID Weight of petri dish & filter D: 8.4686
Weight of sample & petri dish E: 8.4795
W3 WEIGHT OF RESIDUE (E-D) W3: .0109

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: J

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07
3

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0017A
Cust Sample: 5906-17 MASTIC

Sample Description yellow mastic Prepped by US Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.4332
Weight of crucible & sample B: 8.6684
W1 WEIGHT OF SAMPLE (B-A) W1: 2352
POST ASH Weight of crucible & sample C: 8.5346
W2 WEIGHT OF RESIDUE W2: 1014
POST ACID Weight of petri dish & filter D: 8.4651
Weight of sample & petri dish E: 8.5586
W3 WEIGHT OF RESIDUE (E-D) W3: 6935

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: J

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0018
Cust Sample: 5906-18 FLOORING

Sample Description gray/brown flooring Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.5164
Weight of crucible & sample B: 10.0883
W1 WEIGHT OF SAMPLE (B-A) W1: .5699
POST ASH Weight of crucible & sample C: 9.8915
W2 WEIGHT OF RESIDUE W2: .3751
POST ACID Weight of petri dish & filter D: 8.4632
Weight of sample & petri dish E: 8.5325
W3 WEIGHT OF RESIDUE (E-D) W3: .0693

Calculations

% Organics $[(W1-W2) \times 100] / W1$: _____ %

% Acid Soluble $[(W2-W3) \times 100] / W1$: _____ %

% Residue $(W3 \times 100) / W1$: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: K

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: DM Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0018A
Cust Sample: 5906-18 MASTIC

Sample Description Yellow mustic Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.8703
Weight of crucible & sample B: 8.9301
W1 WEIGHT OF SAMPLE (B-A) W1: 0.0598
POST ASH Weight of crucible & sample C: 8.8989
W2 WEIGHT OF RESIDUE W2: 0.0287
POST ACID Weight of petri dish & filter D: 8.4646
Weight of sample & petri dish E: 8.4894
W3 WEIGHT OF RESIDUE (E-D) W3: 0.0248

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: K

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0019
Cust Sample: 5906-19 FLOORING

Sample Description gray flooring Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.9945
Weight of crucible & sample B: 9.5093
W1 WEIGHT OF SAMPLE (B-A) W1: .5148
POST ASH Weight of crucible & sample C: 9.3146
W2 WEIGHT OF RESIDUE W2: .3195
POST ACID Weight of petri dish & filter D: 8.4650
Weight of sample & petri dish E: 8.4961
W3 WEIGHT OF RESIDUE (E-D) W3: .0311

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify		3. High	3. Oblique	

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: K

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0019A
Cust Sample: 5906-19 MASTIC

Sample Description yellow mastic Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.4667
Weight of crucible & sample B: 9.5645
W1 WEIGHT OF SAMPLE (B-A) W1: 0.0978
POST ASH Weight of crucible & sample C: 9.5213
W2 WEIGHT OF RESIDUE W2: 0.0546
POST ACID Weight of petri dish & filter D: 8.4662
Weight of sample & petri dish E: 8.5030
W3 WEIGHT OF RESIDUE (E-D) W3: 0.0368

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: K

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07
8

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0020
Cust Sample: 5906-20 FLOORING

Sample Description white/blue flooring Prepped by OB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

<p>INITIAL: Weight of crucible A: <u>9.5614</u></p> <p>Weight of crucible & sample B: <u>10.1385</u></p> <p>W1 WEIGHT OF SAMPLE (B-A) W1: <u>5771</u></p> <p>POST ASH Weight of crucible & sample C: <u>9.9115</u></p> <p>W2 WEIGHT OF RESIDUE W2: <u>3501</u></p> <p>POST ACID Weight of petri dish & filter D: <u>8.4699</u></p> <p>Weight of sample & petri dish E: <u>8.5014</u></p> <p>W3 WEIGHT OF RESIDUE (E-D) W3: <u>0315</u></p>	<p style="text-align: center;">Calculations</p> <p>% Organics [(W1-W2)x100]/W1: _____ %</p> <p>% Acid Soluble [(W2-W3)x100]/W1: _____ %</p> <p>% Residue (W3x100)/W1: _____ %</p>																																																																																																																																																																		
<p style="text-align: center;">PLM Non Friable Analysis</p> <p>Due Date: _____</p> <table style="width:100%;"> <tr> <th style="width:60%;">Asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table style="width:100%;"> <tr> <th style="width:60%;">Non-asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="6">Optical Properties</th></tr> <tr> <th>Indices</th><th>M</th><th>S</th><th>P</th><th>B</th><th>E</th></tr> <tr> <td>I</td><td>1. Wavy</td><td>1. +</td><td>1. Yes</td><td>1. Low</td><td>1. Parallel</td></tr> <tr> <td>II</td><td>2. Straight</td><td>2. -</td><td>2. No</td><td>2. Med</td><td>2. Symmetric</td></tr> <tr> <td></td><td>3. Specify</td><td></td><td></td><td>3. High</td><td>3. Oblique</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="6">Final PLM Result</th></tr> <tr> <th colspan="2">Asbestos</th><th colspan="4">Non-asbestos</th></tr> <tr> <th>Type</th><th>%</th><th>Fibrous</th><th>%</th><th>Non Fibrous</th><th>%</th></tr> <tr> <td>Chrysotile</td><td></td><td>Glass</td><td></td><td>Other</td><td></td></tr> <tr> <td>Amosite</td><td></td><td>Mineral Wool</td><td></td><td></td><td></td></tr> <tr> <td>Anthophyllite</td><td></td><td>Synthetic</td><td></td><td></td><td></td></tr> <tr> <td>Tremolite</td><td></td><td>Other</td><td></td><td></td><td></td></tr> <tr> <td>Actinolite</td><td></td><td>Wollastonite</td><td></td><td></td><td></td></tr> <tr> <td>Crocidolite</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Analyst: _____ Date: _____</p>	Asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Non-asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Optical Properties						Indices	M	S	P	B	E	I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel	II	2. Straight	2. -	2. No	2. Med	2. Symmetric		3. Specify			3. High	3. Oblique	Final PLM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite						<p style="text-align: center;">TEM Non Friable Analysis</p> <p>Due Date: 12/7/2007 9:10:00 AM</p> <table style="width:100%;"> <tr> <th style="width:60%;">Asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 <u>ND</u></td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table style="width:100%;"> <tr> <th style="width:60%;">Non-asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <p>SAED Picture #: _____ Spectrum #: _____</p> <p>Grid Box: <u>07-0371</u> Row: <u>L</u></p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <tr> <th colspan="6">Final TEM Result</th></tr> <tr> <th colspan="2">Asbestos</th><th colspan="4">Non-asbestos</th></tr> <tr> <th>Type</th><th>%</th><th>Fibrous</th><th>%</th><th>Non Fibrous</th><th>%</th></tr> <tr> <td>Chrysotile</td><td></td><td>Glass</td><td></td><td>Other</td><td></td></tr> <tr> <td>Amosite</td><td></td><td>Mineral Wool</td><td></td><td></td><td></td></tr> <tr> <td>Anthophyllite</td><td></td><td>Synthetic</td><td></td><td></td><td></td></tr> <tr> <td>Tremolite</td><td></td><td>Other</td><td></td><td></td><td></td></tr> <tr> <td>Actinolite</td><td></td><td>Wollastonite</td><td></td><td></td><td></td></tr> <tr> <td>Crocidolite</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Analyst: <u>Dy</u> Date: <u>12/7/07</u></p>	Asbestos Fiber Type(s)	Amount	1 <u>ND</u>	_____ %	2 _____	_____ %	Non-asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Final TEM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite					
Asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Non-asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Optical Properties																																																																																																																																																																			
Indices	M	S	P	B	E																																																																																																																																																														
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel																																																																																																																																																														
II	2. Straight	2. -	2. No	2. Med	2. Symmetric																																																																																																																																																														
	3. Specify			3. High	3. Oblique																																																																																																																																																														
Final PLM Result																																																																																																																																																																			
Asbestos		Non-asbestos																																																																																																																																																																	
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																																														
Chrysotile		Glass		Other																																																																																																																																																															
Amosite		Mineral Wool																																																																																																																																																																	
Anthophyllite		Synthetic																																																																																																																																																																	
Tremolite		Other																																																																																																																																																																	
Actinolite		Wollastonite																																																																																																																																																																	
Crocidolite																																																																																																																																																																			
Asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 <u>ND</u>	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Non-asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Final TEM Result																																																																																																																																																																			
Asbestos		Non-asbestos																																																																																																																																																																	
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																																														
Chrysotile		Glass		Other																																																																																																																																																															
Amosite		Mineral Wool																																																																																																																																																																	
Anthophyllite		Synthetic																																																																																																																																																																	
Tremolite		Other																																																																																																																																																																	
Actinolite		Wollastonite																																																																																																																																																																	
Crocidolite																																																																																																																																																																			

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0020A
Cust Sample: 5906-20 MASTIC

Sample Description yellow mastic Prepped by OB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.3101
Weight of crucible & sample B: 8.3456
W1 WEIGHT OF SAMPLE (B-A) W1: 0.0355
POST ASH Weight of crucible & sample C: 8.3592
W2 WEIGHT OF RESIDUE W2: 0.0491
POST ACID Weight of petri dish & filter D: 8.4636
Weight of sample & petri dish E: 8.4934
W3 WEIGHT OF RESIDUE (E-D) W3: 0.0298

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: L

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0021
Cust Sample: 5906-21 FLOORING

Sample Description white/blue flooring Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.7221
Weight of crucible & sample B: 9.2788
W1 WEIGHT OF SAMPLE (B-A) W1: .5567
POST ASH Weight of crucible & sample C: 9.0663
W2 WEIGHT OF RESIDUE W2: .3442
POST ACID Weight of petri dish & filter D: 8.4720
Weight of sample & petri dish E: 8.5004
W3 WEIGHT OF RESIDUE (E-D) W3: .0284

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: L

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0021A
Cust Sample: 5906-21 MASTIC

Sample Description yellow mastic Prepped by UB Date 12/6/07

Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.3941
Weight of crucible & sample B: 9.4430
W1 WEIGHT OF SAMPLE (B-A) W1: 0.0489
POST ASH Weight of crucible & sample C: 9.4221
W2 WEIGHT OF RESIDUE W2: 0.0280
POST ACID Weight of petri dish & filter D: 8.4651
Weight of sample & petri dish E: 8.4800
W3 WEIGHT OF RESIDUE (E-D) W3: 0.0149

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: L

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0022
Cust Sample: 5906-22 TILE

Sample Description gray tile Prepped by UB Date 12/6/07

Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.4476
Weight of crucible & sample B: 9.9364
W1 WEIGHT OF SAMPLE (B-A) W1: 4.6888
POST ASH Weight of crucible & sample C: 9.8172
W2 WEIGHT OF RESIDUE W2: 3.696
POST ACID Weight of petri dish & filter D: 8.4636
Weight of sample & petri dish E: 8.7119
W3 WEIGHT OF RESIDUE (E-D) W3: 2.493

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: 77

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0022A
Cust Sample: 5906-22 MASTIC

Sample Description yellow mastic Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.8233
Weight of crucible & sample B: 9.4485
W1 WEIGHT OF SAMPLE (B-A) W1: 1.252
POST ASH Weight of crucible & sample C: 9.8840
W2 WEIGHT OF RESIDUE W2: 0.607
POST ACID Weight of petri dish & filter D: 8.4618
Weight of sample & petri dish E: 8.5052
W3 WEIGHT OF RESIDUE (E-D) W3: 0.434

Calculations

% Organics $[(W1-W2) \times 100] / W1$: _____ %
% Acid Soluble $[(W2-W3) \times 100] / W1$: _____ %
% Residue $(W3 \times 100) / W1$: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify		3. High	3. Oblique	

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: 77

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0023
Cust Sample: 5906-23 TILE

Sample Description tan tile Prepped by US Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.2947
Weight of crucible & sample B: 9.7577
W1 WEIGHT OF SAMPLE (B-A) W1: 4630
POST ASH Weight of crucible & sample C: 9.6511
W2 WEIGHT OF RESIDUE W2: 3564
POST ACID Weight of petri dish & filter D: 8.4628
Weight of sample & petri dish E: 8.7001
W3 WEIGHT OF RESIDUE (E-D) W3: 2373

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: M

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0023A
Cust Sample: 5906-23 MASTIC

Sample Description yellow mastic Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

<p>INITIAL: Weight of crucible A: <u>9.5953</u></p> <p>Weight of crucible & sample B: <u>9.6896</u></p> <p>W1 WEIGHT OF SAMPLE (B-A) W1: <u>0943</u></p> <p>POST ASH Weight of crucible & sample C: <u>9.6376</u></p> <p>W2 WEIGHT OF RESIDUE W2: <u>0413</u></p> <p>POST ACID Weight of petri dish & filter D: <u>8.4647</u></p> <p>Weight of sample & petri dish E: <u>8.4878</u></p> <p>W3 WEIGHT OF RESIDUE (E-D) W3: <u>0231</u></p>	<p style="text-align: center;">Calculations</p> <p>% Organics [(W1-W2)x100]/W1: _____ %</p> <p>% Acid Soluble [(W2-W3)x100]/W1: _____ %</p> <p>% Residue (W3x100)/W1: _____ %</p>																																																																																																																																										
PLM Non Friable Analysis	TEM Non Friable Analysis																																																																																																																																										
<p>Due Date: _____</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6">Optical Properties</th> </tr> <tr> <th>Indices</th> <th>M</th> <th>S</th> <th>P</th> <th>B</th> <th>E</th> </tr> <tr> <td>I</td> <td>1. Wavy</td> <td>1. +</td> <td>1. Yes</td> <td>1. Low</td> <td>1. Parallel</td> </tr> <tr> <td>II</td> <td>2. Straight</td> <td>2. -</td> <td>2. No</td> <td>2. Med</td> <td>2. Symmetric</td> </tr> <tr> <td></td> <td>3. Specify</td> <td></td> <td></td> <td>3. High</td> <td>3. Oblique</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6">Final PLM Result</th> </tr> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>Analyst: _____ Date: _____</p>	Optical Properties						Indices	M	S	P	B	E	I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel	II	2. Straight	2. -	2. No	2. Med	2. Symmetric		3. Specify			3. High	3. Oblique	Final PLM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite						<p>Due Date: 12/7/2007 9:10:00 AM</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 <u>Chrys</u> <u><1</u> %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p> <p>SAED Picture #: <u>2119</u> Spectrum #: _____</p> <p>Grid Box: <u>07-0371</u> Row: <u>77</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="6">Final TEM Result</th> </tr> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>Analyst: <u>Dy</u> Date: <u>12/7/07</u></p>	Final TEM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite					
Optical Properties																																																																																																																																											
Indices	M	S	P	B	E																																																																																																																																						
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel																																																																																																																																						
II	2. Straight	2. -	2. No	2. Med	2. Symmetric																																																																																																																																						
	3. Specify			3. High	3. Oblique																																																																																																																																						
Final PLM Result																																																																																																																																											
Asbestos		Non-asbestos																																																																																																																																									
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																						
Chrysotile		Glass		Other																																																																																																																																							
Amosite		Mineral Wool																																																																																																																																									
Anthophyllite		Synthetic																																																																																																																																									
Tremolite		Other																																																																																																																																									
Actinolite		Wollastonite																																																																																																																																									
Crocidolite																																																																																																																																											
Final TEM Result																																																																																																																																											
Asbestos		Non-asbestos																																																																																																																																									
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																						
Chrysotile		Glass		Other																																																																																																																																							
Amosite		Mineral Wool																																																																																																																																									
Anthophyllite		Synthetic																																																																																																																																									
Tremolite		Other																																																																																																																																									
Actinolite		Wollastonite																																																																																																																																									
Crocidolite																																																																																																																																											

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0024
Cust Sample: 5906-24 TILE

Sample Description gray tile Prepped by US Date 12/6/07

Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.2254
Weight of crucible & sample B: 9.8176
W1 WEIGHT OF SAMPLE (B-A) W1: .5916
POST ASH Weight of crucible & sample C: 9.6826
W2 WEIGHT OF RESIDUE W2: .4572
POST ACID Weight of petri dish & filter D: 8.4639
Weight of sample & petri dish E: 8.7695
W3 WEIGHT OF RESIDUE (E-D) W3: .3056

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: 7

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0024A
Cust Sample: 5906-24 MASTIC

Sample Description yellow mastic Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

<p>INITIAL: Weight of crucible A: <u>9.4949</u></p> <p>Weight of crucible & sample B: <u>9.6129</u></p> <p>W1 WEIGHT OF SAMPLE (B-A) W1: <u>1.990</u></p> <p>POST ASH Weight of crucible & sample C: <u>9.5538</u></p> <p>W2 WEIGHT OF RESIDUE W2: <u>0.589</u></p> <p>POST ACID Weight of petri dish & filter D: <u>8.4662</u></p> <p>Weight of sample & petri dish E: <u>8.5075</u></p> <p>W3 WEIGHT OF RESIDUE (E-D) W3: <u>0.0413</u></p>	<p style="text-align: center;">Calculations</p> <p>% Organics [(W1-W2)x100]/W1: _____ %</p> <p>% Acid Soluble [(W2-W3)x100]/W1: _____ %</p> <p>% Residue (W3x100)/W1: _____ %</p>																																																																																																
PLM Non Friable Analysis	TEM Non Friable Analysis																																																																																																
<p>Due Date: _____</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p>	<p>Due Date: 12/7/2007 9:10:00 AM</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 <u>MP</u> _____ %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p>																																																																																																
<p style="text-align: center;">Optical Properties</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Indices</th> <th>M</th> <th>S</th> <th>P</th> <th>B</th> <th>E</th> </tr> <tr> <td>I</td> <td>1. Wavy</td> <td>1. +</td> <td>1. Yes</td> <td>1. Low</td> <td>1. Parallel</td> </tr> <tr> <td>II</td> <td>2. Straight</td> <td>2. -</td> <td>2. No</td> <td>2. Med</td> <td>2. Symmetric</td> </tr> <tr> <td></td> <td>3. Specify</td> <td></td> <td></td> <td>3. High</td> <td>3. Oblique</td> </tr> </table>	Indices	M	S	P	B	E	I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel	II	2. Straight	2. -	2. No	2. Med	2. Symmetric		3. Specify			3. High	3. Oblique	<p>SAED Picture #: _____ Spectrum #: _____</p> <p>Grid Box: <u>07-0371</u> Row: <u>77</u></p>																																																																								
Indices	M	S	P	B	E																																																																																												
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel																																																																																												
II	2. Straight	2. -	2. No	2. Med	2. Symmetric																																																																																												
	3. Specify			3. High	3. Oblique																																																																																												
<p style="text-align: center;">Final PLM Result</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite						<p style="text-align: center;">Final TEM Result</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite					
Asbestos		Non-asbestos																																																																																															
Type	%	Fibrous	%	Non Fibrous	%																																																																																												
Chrysotile		Glass		Other																																																																																													
Amosite		Mineral Wool																																																																																															
Anthophyllite		Synthetic																																																																																															
Tremolite		Other																																																																																															
Actinolite		Wollastonite																																																																																															
Crocidolite																																																																																																	
Asbestos		Non-asbestos																																																																																															
Type	%	Fibrous	%	Non Fibrous	%																																																																																												
Chrysotile		Glass		Other																																																																																													
Amosite		Mineral Wool																																																																																															
Anthophyllite		Synthetic																																																																																															
Tremolite		Other																																																																																															
Actinolite		Wollastonite																																																																																															
Crocidolite																																																																																																	
Analyst: _____ Date: _____	Analyst: <u>Dy</u> Date: <u>12/7/07</u>																																																																																																

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0031
Cust Sample: 5906-31

Sample Description black mastiz Prepped by VB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.6968
Weight of crucible & sample B: 10.2899
W1 WEIGHT OF SAMPLE (B-A) W1: 5931
POST ASH Weight of crucible & sample C: 10.0121
W2 WEIGHT OF RESIDUE W2: 3242
POST ACID Weight of petri dish & filter D: 8.4654
Weight of sample & petri dish E: 8.7539
W3 WEIGHT OF RESIDUE (E-D) W3: 2885

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: N

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0032
Cust Sample: 5906-32

Sample Description black matrix Prepped by CB Date 12/6/07

Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.1090
Weight of crucible & sample B: 9.6384
W1 WEIGHT OF SAMPLE (B-A) W1: 5294
POST ASH Weight of crucible & sample C: 9.2519
W2 WEIGHT OF RESIDUE W2: 1429
POST ACID Weight of petri dish & filter D: 8.4642
Weight of sample & petri dish E: 8.5781
W3 WEIGHT OF RESIDUE (E-D) W3: 1139

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: n

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0033
Cust Sample: 5906-33

Sample Description black mustz Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 8.8674
Weight of crucible & sample B: 9.3866
W1 WEIGHT OF SAMPLE (B-A) W1: 5186
POST ASH Weight of crucible & sample C: 8.9945
W2 WEIGHT OF RESIDUE W2: 1271
POST ACID Weight of petri dish & filter D: 8.4669
Weight of sample & petri dish E: 8.5769
W3 WEIGHT OF RESIDUE (E-D) W3: 1100

Calculations

% Organics [(W1-W2)x100]/W1: _____ %

% Acid Soluble [(W2-W3)x100]/W1: _____ %

% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: 0

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0034
Cust Sample: 5906-34

Sample Description gray caulk Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

INITIAL: Weight of crucible A: 9.1818
Weight of crucible & sample B: 9.7063
W1 WEIGHT OF SAMPLE (B-A) W1: 5245
POST ASH Weight of crucible & sample C: 9.5791
W2 WEIGHT OF RESIDUE W2: 3973
POST ACID Weight of petri dish & filter D: 8.4605
Weight of sample & petri dish E: 8.4936
W3 WEIGHT OF RESIDUE (E-D) W3: 0331

Calculations

% Organics [(W1-W2)x100]/W1: _____ %
% Acid Soluble [(W2-W3)x100]/W1: _____ %
% Residue (W3x100)/W1: _____ %

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date: 12/7/2007 9:10:00 AM

Asbestos Fiber Type(s) Amount
1 ND _____ %
2 _____ %

Non-asbestos Fiber Type(s) Amount
1 _____ %
2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: 0

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0035
Cust Sample: 5906-35

Sample Description gray calc Prepped by UB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

<p>INITIAL: Weight of crucible A: <u>8.9433</u></p> <p>Weight of crucible & sample B: <u>9.5498</u></p> <p>W1 WEIGHT OF SAMPLE (B-A) W1: <u>5955</u></p> <p>POST ASH Weight of crucible & sample C: <u>9.4093</u></p> <p>W2 WEIGHT OF RESIDUE W2: <u>9.46474660</u></p> <p>POST ACID Weight of petri dish & filter D: <u>8.4629</u></p> <p>Weight of sample & petri dish E: <u>8.5116</u></p> <p>W3 WEIGHT OF RESIDUE (E-D) W3: <u>0487</u></p>	<p style="text-align: center;">Calculations</p> <p>% Organics [(W1-W2)x100]/W1: _____ %</p> <p>% Acid Soluble [(W2-W3)x100]/W1: _____ %</p> <p>% Residue (W3x100)/W1: _____ %</p>																																																																																																																																																																		
PLM Non Friable Analysis	TEM Non Friable Analysis																																																																																																																																																																		
<p>Due Date: _____</p> <table style="width:100%;"> <tr> <th style="width:60%;">Asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table style="width:100%;"> <tr> <th style="width:60%;">Non-asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Optical Properties</th></tr> <tr> <th>Indices</th><th>M</th><th>S</th><th>P</th><th>B</th><th>E</th></tr> <tr> <td>I</td><td>1. Wavy</td><td>1. +</td><td>1. Yes</td><td>1. Low</td><td>1. Parallel</td></tr> <tr> <td>II</td><td>2. Straight</td><td>2. -</td><td>2. No</td><td>2. Med</td><td>2. Symmetric</td></tr> <tr> <td></td><td>3. Specify</td><td></td><td></td><td>3. High</td><td>3. Oblique</td></tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Final PLM Result</th></tr> <tr> <th colspan="2">Asbestos</th><th colspan="4">Non-asbestos</th></tr> <tr> <th>Type</th><th>%</th><th>Fibrous</th><th>%</th><th>Non Fibrous</th><th>%</th></tr> <tr> <td>Chrysotile</td><td></td><td>Glass</td><td></td><td>Other</td><td></td></tr> <tr> <td>Amosite</td><td></td><td>Mineral Wool</td><td></td><td></td><td></td></tr> <tr> <td>Anthophyllite</td><td></td><td>Synthetic</td><td></td><td></td><td></td></tr> <tr> <td>Tremolite</td><td></td><td>Other</td><td></td><td></td><td></td></tr> <tr> <td>Actinolite</td><td></td><td>Wollastonite</td><td></td><td></td><td></td></tr> <tr> <td>Crocidolite</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Analyst: _____ Date: _____</p>	Asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Non-asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Optical Properties						Indices	M	S	P	B	E	I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel	II	2. Straight	2. -	2. No	2. Med	2. Symmetric		3. Specify			3. High	3. Oblique	Final PLM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite						<p>Due Date: 12/7/2007 9:10:00 AM</p> <table style="width:100%;"> <tr> <th style="width:60%;">Asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 <u>ND</u></td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <table style="width:100%;"> <tr> <th style="width:60%;">Non-asbestos Fiber Type(s)</th> <th style="width:40%;">Amount</th> </tr> <tr> <td>1 _____</td> <td>_____ %</td> </tr> <tr> <td>2 _____</td> <td>_____ %</td> </tr> </table> <p>SAED Picture #: _____ Spectrum #: _____</p> <p>Grid Box: <u>07-0371</u> Row: <u>0</u></p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Final TEM Result</th></tr> <tr> <th colspan="2">Asbestos</th><th colspan="4">Non-asbestos</th></tr> <tr> <th>Type</th><th>%</th><th>Fibrous</th><th>%</th><th>Non Fibrous</th><th>%</th></tr> <tr> <td>Chrysotile</td><td></td><td>Glass</td><td></td><td>Other</td><td></td></tr> <tr> <td>Amosite</td><td></td><td>Mineral Wool</td><td></td><td></td><td></td></tr> <tr> <td>Anthophyllite</td><td></td><td>Synthetic</td><td></td><td></td><td></td></tr> <tr> <td>Tremolite</td><td></td><td>Other</td><td></td><td></td><td></td></tr> <tr> <td>Actinolite</td><td></td><td>Wollastonite</td><td></td><td></td><td></td></tr> <tr> <td>Crocidolite</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Analyst: <u>Dy</u> Date: <u>12/7/07</u></p>	Asbestos Fiber Type(s)	Amount	1 <u>ND</u>	_____ %	2 _____	_____ %	Non-asbestos Fiber Type(s)	Amount	1 _____	_____ %	2 _____	_____ %	Final TEM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite					
Asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Non-asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Optical Properties																																																																																																																																																																			
Indices	M	S	P	B	E																																																																																																																																																														
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel																																																																																																																																																														
II	2. Straight	2. -	2. No	2. Med	2. Symmetric																																																																																																																																																														
	3. Specify			3. High	3. Oblique																																																																																																																																																														
Final PLM Result																																																																																																																																																																			
Asbestos		Non-asbestos																																																																																																																																																																	
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																																														
Chrysotile		Glass		Other																																																																																																																																																															
Amosite		Mineral Wool																																																																																																																																																																	
Anthophyllite		Synthetic																																																																																																																																																																	
Tremolite		Other																																																																																																																																																																	
Actinolite		Wollastonite																																																																																																																																																																	
Crocidolite																																																																																																																																																																			
Asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 <u>ND</u>	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Non-asbestos Fiber Type(s)	Amount																																																																																																																																																																		
1 _____	_____ %																																																																																																																																																																		
2 _____	_____ %																																																																																																																																																																		
Final TEM Result																																																																																																																																																																			
Asbestos		Non-asbestos																																																																																																																																																																	
Type	%	Fibrous	%	Non Fibrous	%																																																																																																																																																														
Chrysotile		Glass		Other																																																																																																																																																															
Amosite		Mineral Wool																																																																																																																																																																	
Anthophyllite		Synthetic																																																																																																																																																																	
Tremolite		Other																																																																																																																																																																	
Actinolite		Wollastonite																																																																																																																																																																	
Crocidolite																																																																																																																																																																			

CHATFIELD/NOB METHODS

EPA 600/R-93/116

Client: The Louis Berger Group, Inc.
Order: 040727570

Project: AACM PHASE 3 FORT WORTH
AACM PHASE 3 FT WORTH

Lab Sample: 040727570-0036
Cust Sample: 5906-36

Sample Description gray caulk Prepped by CB Date 12/6/07
Special Instructions EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in ord

<p>INITIAL: Weight of crucible A: <u>9.0605</u></p> <p>Weight of crucible & sample B: <u>9.5776</u></p> <p>W1 WEIGHT OF SAMPLE (B-A) W1: <u>5165</u></p> <p>POST ASH Weight of crucible & sample C: <u>9.4646</u></p> <p>W2 WEIGHT OF RESIDUE W2: <u>4041</u></p> <p>POST ACID Weight of petri dish & filter D: <u>8.5477</u></p> <p>Weight of sample & petri dish E: <u>8.5909</u></p> <p>W3 WEIGHT OF RESIDUE (E-D) W3: <u>0432</u></p>	<p style="text-align: center;">Calculations</p> <p>% Organics [(W1-W2)x100]/W1: _____ %</p> <p>% Acid Soluble [(W2-W3)x100]/W1: _____ %</p> <p>% Residue (W3x100)/W1: _____ %</p>																																																																																																												
PLM Non Friable Analysis	TEM Non Friable Analysis																																																																																																												
<p>Due Date: _____</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p>	<p>Due Date: 12/7/2007 9:10:00 AM</p> <p>Asbestos Fiber Type(s) Amount</p> <p>1 <u>ND</u> _____ %</p> <p>2 _____ %</p> <p>Non-asbestos Fiber Type(s) Amount</p> <p>1 _____ %</p> <p>2 _____ %</p>																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Optical Properties</th> </tr> <tr> <th>Indices</th> <th>M</th> <th>S</th> <th>P</th> <th>B</th> <th>E</th> </tr> <tr> <td>I</td> <td>1. Wavy</td> <td>1. +</td> <td>1. Yes</td> <td>1. Low</td> <td>1. Parallel</td> </tr> <tr> <td>II</td> <td>2. Straight</td> <td>2. -</td> <td>2. No</td> <td>2. Med</td> <td>2. Symmetric</td> </tr> <tr> <td></td> <td>3. Specify</td> <td></td> <td></td> <td>3. High</td> <td>3. Oblique</td> </tr> </table>	Optical Properties						Indices	M	S	P	B	E	I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel	II	2. Straight	2. -	2. No	2. Med	2. Symmetric		3. Specify			3. High	3. Oblique	<p>SAED Picture #: _____ Spectrum #: _____</p> <p>Grid Box: <u>07-0371</u> Row: <u>P</u></p>																																																																														
Optical Properties																																																																																																													
Indices	M	S	P	B	E																																																																																																								
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel																																																																																																								
II	2. Straight	2. -	2. No	2. Med	2. Symmetric																																																																																																								
	3. Specify			3. High	3. Oblique																																																																																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Final PLM Result</th> </tr> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Final PLM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite						<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="6">Final TEM Result</th> </tr> <tr> <th colspan="2">Asbestos</th> <th colspan="4">Non-asbestos</th> </tr> <tr> <th>Type</th> <th>%</th> <th>Fibrous</th> <th>%</th> <th>Non Fibrous</th> <th>%</th> </tr> <tr> <td>Chrysotile</td> <td></td> <td>Glass</td> <td></td> <td>Other</td> <td></td> </tr> <tr> <td>Amosite</td> <td></td> <td>Mineral Wool</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Anthophyllite</td> <td></td> <td>Synthetic</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Tremolite</td> <td></td> <td>Other</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Actinolite</td> <td></td> <td>Wollastonite</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Crocidolite</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Final TEM Result						Asbestos		Non-asbestos				Type	%	Fibrous	%	Non Fibrous	%	Chrysotile		Glass		Other		Amosite		Mineral Wool				Anthophyllite		Synthetic				Tremolite		Other				Actinolite		Wollastonite				Crocidolite					
Final PLM Result																																																																																																													
Asbestos		Non-asbestos																																																																																																											
Type	%	Fibrous	%	Non Fibrous	%																																																																																																								
Chrysotile		Glass		Other																																																																																																									
Amosite		Mineral Wool																																																																																																											
Anthophyllite		Synthetic																																																																																																											
Tremolite		Other																																																																																																											
Actinolite		Wollastonite																																																																																																											
Crocidolite																																																																																																													
Final TEM Result																																																																																																													
Asbestos		Non-asbestos																																																																																																											
Type	%	Fibrous	%	Non Fibrous	%																																																																																																								
Chrysotile		Glass		Other																																																																																																									
Amosite		Mineral Wool																																																																																																											
Anthophyllite		Synthetic																																																																																																											
Tremolite		Other																																																																																																											
Actinolite		Wollastonite																																																																																																											
Crocidolite																																																																																																													
Analyst: _____ Date: _____	Analyst: <u>Dy</u> Date: <u>12/7/07</u>																																																																																																												

CHATFIELD/NOB METHODS

Client: Louis Berger
 Order: 727570

Project: AACM FTworth Phase 3

Lab Sample: BLANK
 Cust Sample:

Sample Description: TILE WHITE

Prepped by

CS

Date

12/6/07

Special Instructions

INITIAL:			Calculations		
Weight of crucible	A:	_____			
Weight of crucible & sample	B:	_____			
W1 WEIGHT OF SAMPLE (B-A)	W1:	_____	% Organics [(W1-W2)x100]/W1	_____	%
POST ASH Weight of crucible & sample	C:	_____			
W2 WEIGHT OF RESIDUE	W2:	_____	% Acid Soluble [(W2-W3)x100]/W1	_____	%
POST ACID Weight of petri dish & filter	D:	_____			
Weight of sample & petri dish	E:	_____			
W3 WEIGHT OF RESIDUE (E-D)	W3:	_____	% Residue (W3x100)/W1:	_____	%

PLM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount

1 _____ %

2 _____ %

Non-asbestos Fiber Type(s) Amount

1 _____ %

2 _____ %

Optical Properties

Indices	M	S	P	B	E
I	1. Wavy	1. +	1. Yes	1. Low	1. Parallel
II	2. Straight	2. -	2. No	2. Med	2. Symmetric
	3. Specify			3. High	3. Oblique

Final PLM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: _____ Date: _____

TEM Non Friable Analysis

Due Date:

Asbestos Fiber Type(s) Amount

1 ND _____ %

2 _____ %

Non-asbestos Fiber Type(s) Amount

1 _____ %

2 _____ %

SAED Picture #: _____ Spectrum #: _____

Grid Box: 07-0371 Row: P

Final TEM Result

Asbestos		Non-asbestos			
Type	%	Fibrous	%	Non Fibrous	%
Chrysotile		Glass		Other	
Amosite		Mineral Wool			
Anthophyllite		Synthetic			
Tremolite		Other			
Actinolite		Wollastonite			
Crocidolite					

Analyst: Dy Date: 12/7/07

INTERNAL CHAIN OF CUSTODY

12/6/2007 2:08:59 PM

Order ID: 040727570

Attn: Seth Schultz
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (917) 715-5731

Project: AACM PHASE 3 FT WORTH

Customer ID: LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM
EMSL Order: 040727570
EMSL Project ID: AACM PHASE 3 FORT WORTH

Test: TEM EPA NOB **Matrix:** Bulk **TAT:** 24 Hour **Qty:** 24

Acct Sts: SI **Slsprsn:** tnardozzi **Logged:** dpullman **Date:** 11/5/2007

Sample Condition: ☒ Acceptable
☐ Unacceptable

Comments

CL 12/6 ©

drop
NS (E) 12/7/07

- ☐ Exempt from prep charge
☐ Exempt from lab opening fee
☐ Exempt from layer/aliquot charges

Prepped: CB **Date:** 12/6
Analyzed: Dy **Date:** 12/7/07
Data Entry: Dy **Date:** 12/7/07
Screened: **Date:** 12/7/07
Mailed: **Date:** 12/7/07

Special Instructions

EXTRANET-PDF copy of the invoice for every job be sent to invoicing@louisberger.com. The email subject line must have (in order) the Project Manager / Louis Berger Project Number / "EMSL" / EMSL Order Number.

Order ID	Lab Sample #	Cust. Sample #	Location	Due Date
040727570	040727570-0016	5906-16 FLOORING	ENTRY	12/7/2007 9:10:00 AM
040727570	040727570-0016A	5906-16 MASTIC	ENTRY	12/7/2007 9:10:00 AM
040727570	040727570-0017	5906-17 FLOORING	S.E. OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0017A	5906-17 MASTIC	S.E. OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0018	5906-18 FLOORING	S.E. OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0018A	5906-18 MASTIC	S.E. OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0019	5906-19 FLOORING	WEST STORAGE OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0019A	5906-19 MASTIC	WEST STORAGE OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0020	5906-20 FLOORING	WEST STORAGE OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0020A	5906-20 MASTIC	WEST STORAGE OFFICE	12/7/2007 9:10:00 AM
040727570	040727570-0021	5906-21 FLOORING	KITCHEN	12/7/2007 9:10:00 AM

INTERNAL CHAIN OF CUSTODY

12/6/2007 2:09:00 PM

Order ID: 040727570

Attn: Seth Schultz
The Louis Berger Group, Inc.
199 Water Street, 23rd Floor
New York, NY 10038

Fax: Phone: (917) 715-5731

Project: AACM PHASE 3 FT WORTH

Customer ID LOUI56
Customer PO: JG500P5
Received: 11/05/07 9:10 AM

EMSL Order: 040727570
EMSL Project ID: AACM PHASE 3 FORT WORTH

040727570	040727570-0021A	5906-21 MASTIC	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0022	5906-22 TILE	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0022A	5906-22 MASTIC	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0023	5906-23 TILE	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0023A	5906-23 MASTIC	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0024	5906-24 TILE	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0024A	5906-24 MASTIC	KITCHEN	12/7/2007 9:10:00 AM
040727570	040727570-0031	5906-31	FLORESCENT LIGHTS	12/7/2007 9:10:00 AM
040727570	040727570-0032	5906-32	FLORESCENT LIGHTS	12/7/2007 9:10:00 AM
040727570	040727570-0033	5906-33	FLORESCENT LIGHTS	12/7/2007 9:10:00 AM
040727570	040727570-0034	5906-34	EXTERIOR WINDOWS	12/7/2007 9:10:00 AM
040727570	040727570-0035	5906-35	EXTERIOR WINDOWS	12/7/2007 9:10:00 AM
040727570	040727570-0036	5906-36	EXTERIOR WINDOWS	12/7/2007 9:10:00 AM

FOR WORTH TAXES

:CLIENT/CONTACT

NEW YORK 10130

IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

5906 Boca Raton

Fort Worth Texas



040727570

DATE

11-1-07

INSPECTOR/TD#

Bramlett 10-5040

CLIENT/CONTACT

HOMO AREA #	SAMPLE #	SAMPLE DESCRIPTION	LOCATION	Turnaround Time: () Immediate () Rush () Normal					RESPONSE RATING
				ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NFI NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	
3	S906-11	Joint Cmpd./wall texture	SE OFFICE	5700	S	NFI	G	L	
3	S906-12	Joint Cmpd./wall texture	mechanical Rm		S	NFI	G	L	
3	S906-13	Joint Cmpd./wall texture	NE Wall Great Rm		S	NFI	G	L	
3	S906-14	Joint Cmpd./wall texture	NE OFFICE		S	NFI	G	L	
3	S906-15	Joint Cmpd./wall texture	UPSTAIRS		S	NFI	G	L	
4	S906-16	Wood Grain/Peel Stick Flooring	Entry	250	M	NFI	D	L	
4	S906-17	Wood Grain	S.E. OFFICE	"	M	NFI	D	L	
4	S906-18	Wood Grain	S.E. OFFICE	"	M	NFI	D	L	
S	S906-19	White Blue Pattern Peel Stic Flooring	West Storage OFFICE	240	M	NFI	D	L	
S	S906-20	"	"	"	M	NFI	D	L	

Released by:

Greg Bramlett

Date/Time:

11/2/07

Received by:

Released by:

Date/Time:

Date/Time:

Date/Time:

Industrial Hygiene & Safety Technology, Inc.

2235 Keller Way

Carrollton, TX

972.478.7415

Fax 972.478.7615

TDH License #10-0145

E-mail address: greg@ihst.com

Page 2 of 4

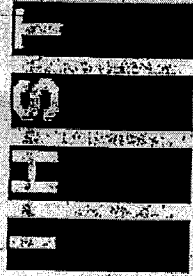
IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton

Fort Worth Texas



040727570

DATE

11-1-07

INSPECTOR/TDH#

Bramlett 10-5040

CLIENT/CONTACT

HOMO AREA #		SAMPLE #	SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NFI NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #								
5	S906-21		White Blue Pattern Peel Stick Flooring	Kitchen		M	NFI	D	L	
6	S906-22		12X12 Grey Floor tile	Kitchen	80 SF	M	NFI	G	L	
6	S906-23		"	Kitchen	8 "	M	NFI	G	L	
6	S906-24		"	Kitchen	"	M	NFI	G	L	
7	S906-25		Grout Under Ceramic Tile	Great Rm	70 SF	M	NFI	G	L	
7	S906-26		"	Great Rm	"	M	NFI	G	L	
7	S906-27		"	Great Rm	"	M	NFI	G	L	
8	S906-28		Fire Brick	Furnace	25 SF	TSI	F	G	L	
8	S906-29		Fire Brick	Furnace	"	TSI	F	G	L	
8	S906-30		Fire Brick	Furnace	"	TSI	F	G	L	

Released by:

Greg Bramlett

Date/Time:

11/2/07

Received by:

0900

Released by:

Date/Time:

Received by:

Industrial Hygiene & Safety Technology, Inc.

2235 Keller Way

Carrollton, TX

972 478.7415

Fax 972.478.7615

TDH License #10-0145

E-mail address: greg@ihst.com

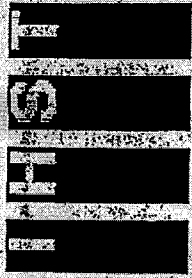
Page 3 of 4

IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton
FORT WORTH TEXAS



040727570

DATE

INSPECTOR/TDH#

CLIENT/CONTACT

11-01-07

Bramlett 10-5040

Louis Berger Group

Seth Schultz

Turnaround Time: () Immediate () Rush (X) Normal

HOMO AREA #	SAMPLE #		SAMPLE DESCRIPTION	LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NFI NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #								
9	S906-31		mastic	Florescent Lights	1 LF	M	NFI	G	L	
9	S906-32		"	"	"	M	NFI	G	L	
9	S906-33		"	"	"	M	NFI	G	L	
10	S906-34		Caulk	Exterior windows	200 LF	M	NFI	G	L	
10	S906-35		"	"	"	M	NFI	G	L	
10	S906-36		"	"	"	M	NFI	G	L	
11	S906-37		Flashing		6 LF	M	NFI	G	L	
11	S906-38		Flashing		"	M	NFI	G	L	
11	S906-39		Flashing		"	M	NFI	G	L	
									07 NOV - 3	

Released by:

Yous Sam

Date/Time:

11/2/07

Received by:

Released by:

Date/Time:

Received by:

Date/Time:

Date/Time:

Date/Time:

Date/Time:

Industrial Hygiene & Safety Technology, Inc. 2235 Keller Way Carrollton, TX 972 478.7415 Fax 972.478.7615 TDH License #10-0145

E-mail address: greg@ihst.com - Schultz - Louis Berger Group - 2324 El

Send Reports and Billing to Louis Berger Group - 2324 El

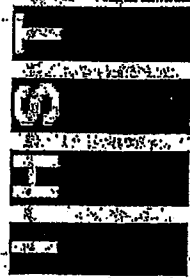
Page 4 of 4

IHST PROJECT #:

PROJECT TITLE:

PROJECT ADDRESS:

S906 Boca Raton
FORT WORTH TEXAS



040727570

:DATE

:INSPECTOR/TDH#

:CLIENT/CONTACT

11-01-07

Bramlett 10-3040

Louis Berger Group

Seth Schultz

Turnaround Time: () Immediate () Rush (X) Normal

HOMO AREA #	SAMPLE #	SAMPLE DESCRIPTION		LOCATION	ESTIMATED QUANTITY (SF/LF/ea.)	TYPE of ACM	F NF I NF II	CONDITION (G/D/SD)	POTENTIAL FOR DISTURBANCE	RESPONSE RATING
		PHOTO #								
9	S906-31		mastic	Flourescent Lights	1 LF	M	NFII	G	L	
9	S906-32		"	"	"	M	NFII	G	L	
9	S906-33		"	"	"	M	NFII	G	L	
10	S906-34		Caulk	Exterior Windows	200 LF	M	NFII	G	L	
10	S906-35		"	"	"	M	NFII	G	L	
10	S906-36		"	"	"	M	NFII	G	L	
11	S906-37		Flashing	Roof by Fireplace	6 LF	M	NFII	G	L	
11	S906-38		Flashing	"	"	M	NFII	G	L	
11	S906-39		Flashing	"	"	M	NFII	G	L	
									07 NOV - 8	

Released by:

Harris Brun 10/11

Date/Time:

11/2/07

Received by:

Received from Chert 120607

Date/Time:

Released by:

Received by:

Date/Time:

Industrial Hygiene & Safety Technology, Inc. 2235 Keller Way Carrollton, TX 972.478.7415 Fax 972.478.7615 TDH License #10-0145

E-mail address: greg@ihst.com S. Schultz @ Louis Berger Group

Send Records and Billing to Louis Berger Group, 17900 Lakeside Drive, Suite 100, Fort Worth, TX 76155

Page 4 of 4